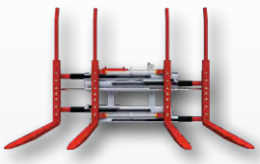
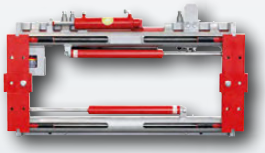
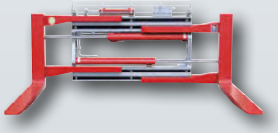
MADE IN GERMANY
DURWEN PRODUCT

DURWEN
Forklift Attachments



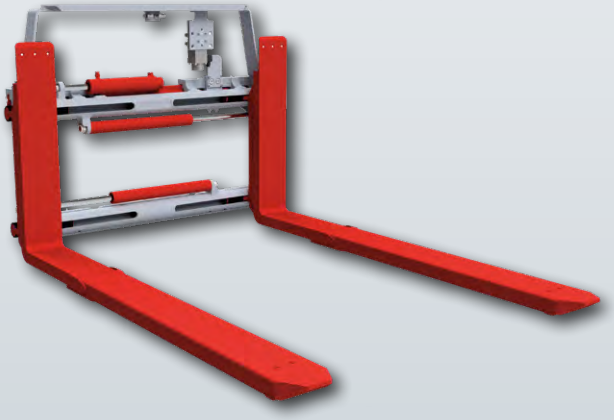




PRODUCT RANGE

wind · water
Green Energy
solar power

Durwen produces using green energy.



The independent attachment manufacturer.

DURWEN
Forklift Attachments

More efficiency for your forklift truck

Product range 01-2026

Do you already know our service portal ?

Please check out our online information for service, repair and maintenance at serviceportal.durwen.de/en/

Durwen App for iOS and Android

With our app, you have constant access to the latest brochures, the complete catalogue as well as to product photos. Moreover, news are received directly via push notifications on your mobile device.

App Store

Google Play

Durwen Maschinenbau GmbH
August-Horch-Straße 5
56637 Plaidt · Germany
EU-VAT-ID: DE 149 26 36 66

Phone: +49 2632-7000-0
Fax: +49 2632-72715
export@durwen.de · www.durwen.de

Durwen headquarter Plaidt, production Mayen

Durwen Maschinenbau GmbH
August-Horch-Straße 5
56637 Plaidt

Telefon: +49 2632-7000-0
info@durwen.de
www.durwen.de

DURWEN
Forklift Attachments

Intralogistics with ServicePlus: Durwen forklift attachments

Innovative · Efficient · Service-oriented!

Durwen is your partner for all questions concerning intralogistics with forklift trucks. The company founded in 1947 with its headquarter in Germany has operated in the mechanical engineering sector for more than 75 years and therefore belongs to the leading suppliers of attachments for forklift trucks and other industrial trucks with its global sales and service network today.

From the very beginning, it was extremely important for the still owner-operated family business to combine high-quality standards with reliable and fast service in order to provide the best support regarding transport and handling demands for its customers.

That's why Durwen forklift attachments are particularly solid as well as compact and based on the specially developed Durwen ServicePlus technology (DSP).
By using a reduced number of components as well as highly durable wear parts, DSP reduces maintenance and repair time providin maximum efficiency.

Well-trained skilled workers, engineers and technicians manufacture durable and versatile attachments with the help of high-precision CNC machines and robotics.

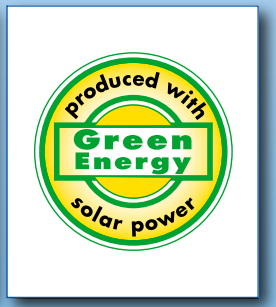
In close coordination with the customers, ideally adjusted solutions for individual requirements are developed. Hereby, the company offers a constantly developing product range for virtually every application to its customers from all over the world.

Proficient consultation, consistent customer focus as well as high level servicing of sales and customer service have made Durwen GmbH the market leader in terms of customer satisfaction for many years.

Durwen is certified ISO 9001:2015 and has a full certificate
of welding suitability DIN EN ISO 3834-2:2021.

Durwen products comply with the EG machinery directives and the relevant EU norms.

Durwen uses renewable electric power



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DURWEN Forklift Attachments

Areas of applications

Our range of forklift attachments is just as versatile as the applications - each application in various industry branches requires an individual solution regarding attachments for forklift trucks. With our broad product range, you have a choice at hand which covers a wide variety of the most diverse applications. Durwen also manufactures individual special solutions to solve all challenges.

Beverage

Recycling

Paper

Packaging

Heavy industry

Transport

Bulk material

Building material

Forest industry

Logistic

Wholesale and retail

Harbour

Harvest

Fishing / Food industry

Foundry industry

Automotive

White/Brown goods

DURWEN Forklift Attachments

PL 01-2026

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DURWEN Forklift Attachments

Sales Export headquarter

Ralf Taubenheim
Director Export

Phone:+49 2632-7000-251
Mobile: +49 171-7394644
Fax: +49 2632-7000-299
ralf.taubenheim@durwen.de

Arshad Malik
Director Export

Phone: +49 2632-7000-255
Fax: +49 2632-7000-299
Mobile: +49 171-8374721
malik@durwen.de

Sarah Niewerth
Sales Export

Phone: +49 2632-7000-253
Fax: +49 2632-7000-299
sarah.niewerth@durwen.de

Ann-Kathrin Vogt
Sales Export

Phone: +49 2632-7000-255
Fax: +49 2632-7000-299
ann-kathrin.vogt@durwen.de

Paul Luja
Country Sales Manager

Phone: +49 2632-7000-252
Mobile: +49 160 4154 242
Fax: +49 2632-7000-299
paul.luja@durwen.de

Shipping and customs

Essam Kadi
Manager Shipping

Phone: +49 2632-7000-501
Telefax: +49 2632-7000-509
essam.kadi@durwen.de

Lucas Domes
Shipping

Phone: +49 2632-7000-502
Telefax: +49 2632-7000-509
lucas.domes@durwen.de

Durwen Service

At Durwen, service means meeting customer requirements that are directly related to the function, maintenance, and repair of your forklift attachment. To be at your disposal for a quick and comprehensive consultation is our motivation, which is represented by our service consultants in the back office, our service technicians on-site, our broad spare parts storage, as well as our quick access to logistics service providers.

Durwen service technicians are constantly trained in order to optimally meet your needs. Our customer support consists of experienced staff that is ready to assist you anytime. Durwen also offers individual service solutions to customers, from checks on-site on a regular basis to complete solutions in the full-service range.

Stefan Kirst
Director customer service

Phone: +49 2632-7000-301
stefan.kirst@durwen.de

Christian Schöpwinkel
Deputy director customer service

Phone: +49 2632-7000-351
Mobil: +49 151-51242676
ch.schoepwinkel@durwen.de

Pascal Friederichs
Workshop manager

Phone: +49 2632-7000-352
pascal.friederichs@durwen.de

Lucas Jäger
Service - warranty

Phone: +49 2632-7000-334
lucas.jaeger@durwen.de

Gregor Breitbach
Service - spare parts consultation

Phone: +49 2632-7000-331
gregor.breitbach@durwen.de

Patrick Ast
Spare parts

Phone: +49 2632-7000-333
patrick.ast@durwen.de

Stefan Reichert
Spare parts

Phone: +49 2632-7000-338
stefan.reichert@durwen.de

Vladimir Schmidke
Spare parts

Phone: +49 2632-7000-335
vladimir.schmidke@durwen.de

Stephanie Kirst
Service - Back office/Warranty

Phone: +49 2632-7000-303
stephanie.kirst@durwen.de

Do you already know our service portal ?
Please check out our online information for service, repair and maintenance at:
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DURWEN
Forklift Attachments

DURWEN - supporting you worldwide

Durwen Sales Export
Durwen Maschinenbau GmbH
August-Horch-Straße 5
56637 Plaidt, Germany
Phone: +49 2632-7000-0
Fax: +49 2632-7000-299
export@durwen.de
www.durwen.de

Grossbritanien, Nordirland
Abbey Attachments Ltd
Manchester Road
Barlow Fold
Bury
BL9 9SX
Phone: + 44 161 766 8885
salesadmin@abbeyattachments.co.uk
www.abbeyattachments.co.uk

France
Durwen France
28 Route D`Issenheim
68360 Soultz
Phone: +33 3 8976 15 80
guillaume.chene@seith-durwen.fr

Netherlands, Belgium, Luxemburg
Durwen Benelux B.V.
Albert Einsteinweg 5
5151 DK Drunen
Phone: +31 (0)73 640 00 51 Fax:
+31 (0)73 640 00 54
info@durwenbenelux.com
www.durwenbenelux.com

Poland
DURWEN Polska
ul. Siewierska 25
PL 61-323 Poznań, Polen
Phone: +48 61 653 38 17
biuro@durwen.pl
www.durwen.pl

Hungary
DURWEN Magyarország Kft.
Fecske utca 10. 3a
6000 Kecskemét
Phone: +36 20 257 10 31
durwen@durwenmagyarorszag.hu

Czech Republic, Slowakia
DURWEN CZ sro
Na Boleslavce
182 00 Praha 8 - Brezineves
Phone: +420 251 619 261
durwen@durwen.cz
www.durwen.cz

Chile, Peru
Durwen Maschinenbau GmbH
August-Horch-Straße 5
56637 Plaidt, Germany
Phone: +49 2632-7000-0
Fax: +49 2632-7000-299
export@durwen.de
www.durwen.de

Norway, Denmark, Sweden
Durwen Scandinavia AB
Strandbadsvägen 19A
252 29 Helsingborg
Tel.: +46 42 13 76 90
Fax: +46 42 13 76 92
info@durwen-scandinavia.com
www.durwen-scandinavia.com

Mexico
MH Signal
7 Poniente No. 314 Int. 6
Col. Centro
Puebla PUE CP 72000
Phone: +52 222 246 8964
www.mhsignal.com
ventas@mhsignal.com

Spain
Durwen Spain.
C/ Ca N'ermengol, 10
08202, Sabadell, Barcelona
Barcelona, Spain
Phone: +34 935 182 866
ocanet@durwen.es
www.eys.com.es

Australasia
Durwen Australasia
P.O. Box 390
Spit Junction NSW 2088
Sydney
Phone: +61 422 46 41 76
Fax: +61 299 60 19 25
bob@forklift-attachment.com.au

South Africa, Tansania, Kenya, Angola, Mozambique, Zimbabwe, Swaziland, Namibia, Botswana, Zambia, Malawi
Durwen South Africa
9 Indiana street, Apex Ext 3, Benoni
Box 915, Benoni, 1500
Phone: +27 11 421 0738
info@durwen.co.za
www.durwen.co.za

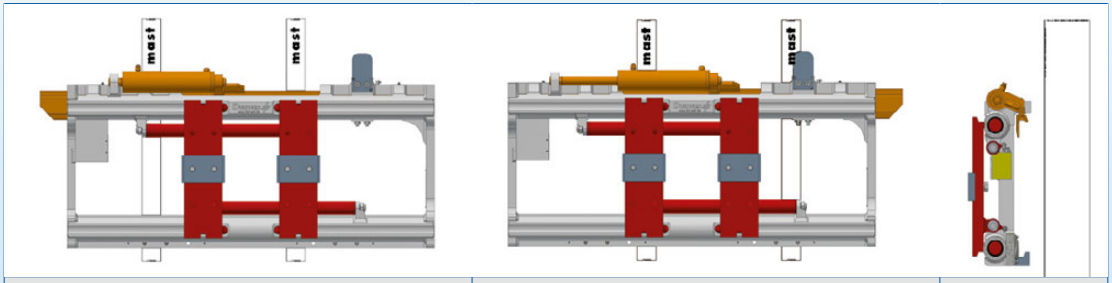
Argentina, Uruguay, Ecuador, Colombia, Costa Rica
Durwen Maschinenbau GmbH
August-Horch-Straße 5
56637 Plaidt, Germany
export@durwen.de
www.durwen.de

Turkey
Erel İş ve İstif Mak. San. Tic. Ltd. Şti
Çamlık Mh. İkbal Cad. Kenevir Sk. No: 50
Ümraniye / İstanbul / Türkey
Posta Kodu : 34774
Phone: +90 (0) 216 311 20 26
Fax: +90 (0) 216 311 20 27
info@erelmakine.com
www.erelmakine.com

DURWEN Forklift Attachments

Explanation constant sideshift/integral sideshift

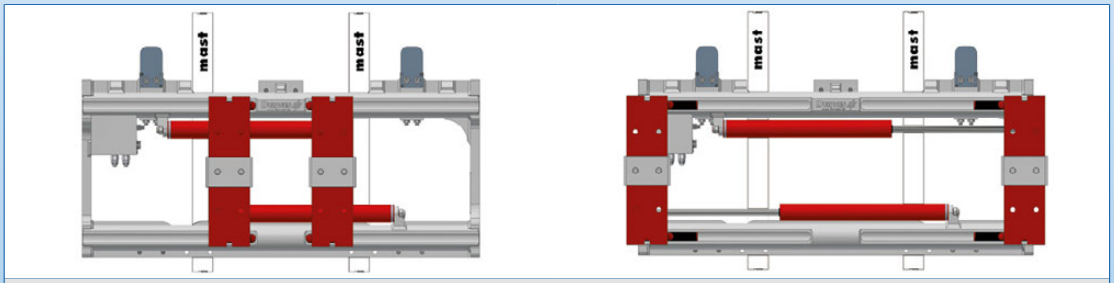
When using **constant sideshift**, the complete stroke of the sideshift cylinder is made available at every fork position.
As a result, the attachment is shifted sideways on the carriage of the forklift truck. Attention: the frame may move outside of the forklift truck outline.



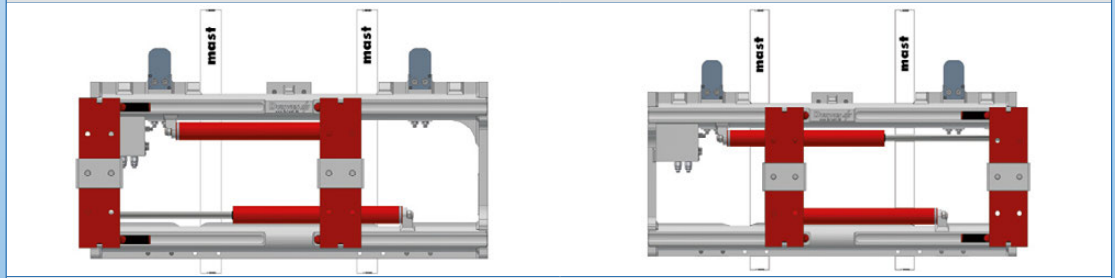
constant sideshift moved to the left	constant sideshift moved to the right	side view

Advantage: sideshift available at every fork or arm position

When using **integral sideshift**, the sideshift is dependent on the opening range of the forks or arms. The sideshift is not operated with a separate cylinder but with valve technology which is why the unit keeps the present position, while only the forks or arms are moving. In case the arms or forks are fully opened/closed, there is no sideshift available.



integral sideshift - no sideshift possible



integral sideshift - max. sideshift at center position of forks

Advantage: reduced weight and LLC

Formula for max. sideshift with integral sideshift:

$$\text{sideshift max.} = \frac{\text{opening range max. - opening range min.}}{4}$$

Example: fork positioner type RZV 35 (integral sideshift, frame with 1150 mm, opening range 490-1230 mm)

$$\text{sideshift max.} = \frac{\text{1230 mm OR max. - 490 mm OR min.}}{4} = \textbf{185 mm}$$

(at center position of forks)

Product video

DURWEN Forklift Attachments

Explanation solenoid valve

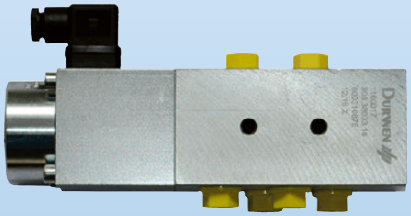
Solenoid valves are only needed for an attachment if the forklift truck does not provide enough free hydraulic functions. Since most counterbalance trucks feature a maximum of two hydraulic functions for attachments, a third function is required (e.g. clamping, rotation, sideshift). In this case, one of the two free hydraulic functions is divided into two circuits with the help of the solenoid valve. The solenoid valve which is mounted on the attachment by the factory subdivides the incoming oil when necessary so that the forklift truck driver can choose between two functions of the unit.
For this, an electrical activation of the solenoid valve is required (please indicate the voltage of the forklift truck). The truck needs to have a switch control by means of a rocker switch or button installed for this. It is to be noted that the clamping function cannot be operated via the solenoid valve.

In case the forklift already has an integral sideshift installed and you wish to operate an attachment with 2 additional functions, you may need to do the installation connection and hose layout yourself. The solenoid valve may either be pre-installed on the attachment or may be delivered loose for your installation in the most ideal place on the forklift truck. Note that the solenoid valve is not allowed to be combined with a clamping function. Please ask, if you are in doubt.

Examples:
Telescopic forks, fork positioning and sideshift
Oftentimes the sideshift is operated by a lever, fork positioning via a second lever and telescopic forks by the touch of a button via the second lever. The order/configuration is specified by either an available specification sheet or by the user.

Revolving fork clamp with sideshift (clamping, rotation, sideshift)
Clamp function directly via the first lever (not allowed to be operated via solenoid valve), sideshift and rotation via the second lever, rotation operated by the touch of a button on the second lever. The last order/configuration can also be specified by an existing specification sheet or by the user.

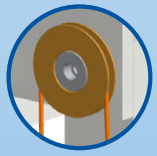
Solonoid valve see page 253



Electrical mounting kits

The Durwen electrical mounting kits are used for power supply of the solenoid valve on the attachment.

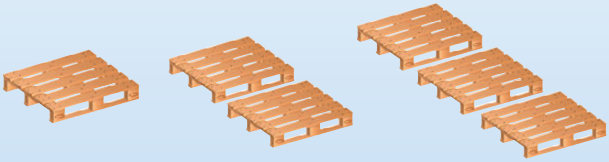
	remarks
Return pulley	
Spiral cable	
Electric cable reel	



Electric mounting kits see page 250-251

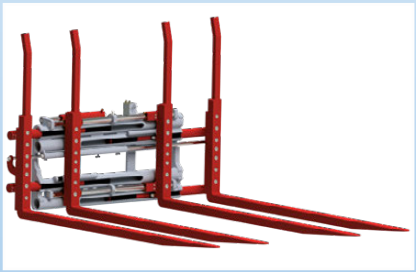
Overview multiple fork positioners

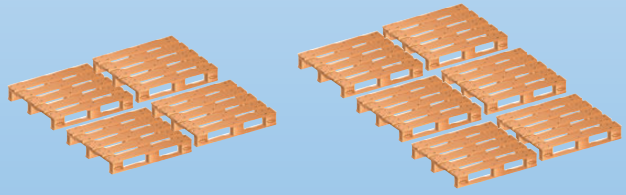
type DPK for 1-2 pallets



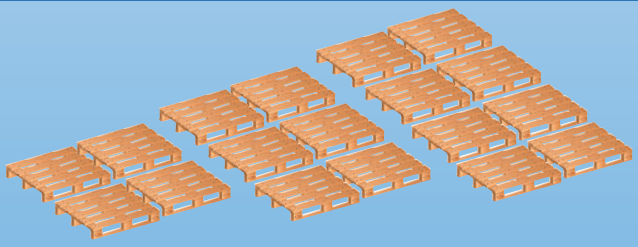
type DRPK for 1-2-3 pallets

type DPK for 2-4 pallets

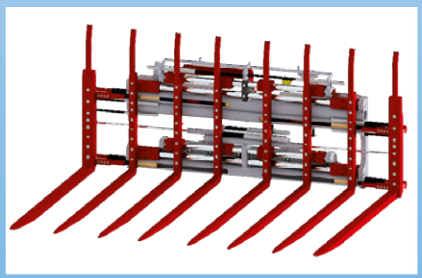




type SPK for 4-6 pallets



type VPK for 4-6-8 pallets

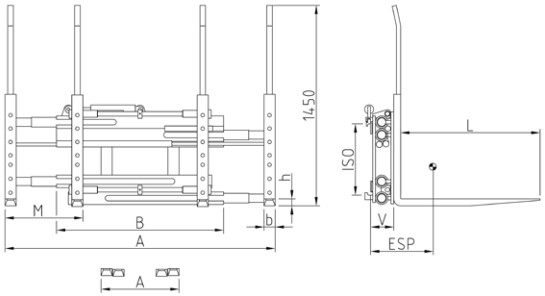


Double fork positioner for 1-2 pallets type DPK

Double fork positioner for 1-2 pallets

DPK

The double fork positioner DPK can pick up one or two pallets through hydraulic fork positioning.
The distance between the pallets can be reduced to zero. The strong frame construction maximises service life and safe working.
The compact design gives excellent visibility.

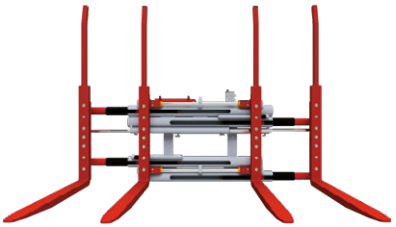


type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	M mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
DPK 16	1,5-1,8/600	920	1600/600	II	1050	560-1790	560	80x35x1200	+/- 100	165	228	244	449
DPK 22	2,0-2,5/500	920	2200/600	II	1200	560-1940	560	80x40x1200	+/- 100	166	238	241	497
DPK 22-2	2,0-2,5/500	920	2200/600	II	1200	660-2140	660	80x40x1200	+/- 100	166	233	235	507
DPK 25	2,5/600	920	2500/600	II	1200	560-1940	560	80x45x1200	+/- 100	166	250	235	517
DPK 25-2	2,5/600	920	2500/600	II	1200	660-2140	660	80x45x1200	+/- 100	166	246	230	527
DPK 25-3	2,5/600	1040	2500/600	II	1300	560-2040	560	80x45x1200	+/- 100	166	240	225	559
DPK 30	3,0/500	920	2600/600	III	1200	560-1940	560	80x45x1200	+/- 100	166	247	249	519
DPK 30-2	3,0/500	920	2600/600	III	1200	660-2140	660	80x45x1200	+/- 100	166	242	244	529
DPK 30-3	3,0/500	1040	2600/600	III	1300	560-2040	560	80x45x1200	+/- 100	166	238	239	561
DPK 32	3,5/500	980	2800/600	III	1200	560-1940	560	80x50x1200	+/- 100	182	231	250	629
DPK 32-2	3,5/500	1150	2800/600	III	1300	660-2140	660	80x50x1200	+/- 100	182	227	245	674
DPK 32-3	3,5/500	1150	2800/600	III	1300	560-2040	560	80x50x1200	+/- 100	182	222	240	684
DPK 35	3,0/600-4,0/500	980	3200/600	III	1200	560-1940	560	80x60x1200	+/- 100	182	248	243	649
DPK 35-2	3,0/600-4,0/500	1150	3200/600	III	1300	660-2140	660	80x60x1200	+/- 100	182	243	238	694
DPK 35-3	3,0/600-4,0/500	1150	3200/600	III	1300	560-2040	560	80x60x1200	+/- 100	182	238	233	704
DPK 40	4,0-5,0/600	1150	4500/600	III	1400	560-1940	560	80x60x1200	+/- 150	195	243	241	721
DPK 40-2	4,0-5,0/600	1150	4500/600	III	1400	660-2140	660	80x60x1200	+/- 150	195	240	239	751
DPK 40-3	4,0-5,0/600	1150	4500/600	III	1400	560-2040	560	80x60x1200	+/- 150	195	238	237	731
DPK 50	5,0-6,0/600	1520	5500/600	IV	1420	560-1940	560	80x60x1200	+/- 160	171	198	315	868

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard

- optional with high visibility load backrest ISO II/III upon request / ISO IV not available
- no sideshift ISO II/III, ISO IV upon request data change, please ask

- automatic lubrication system: upon request
- single pair control upon request
- scanner holder upon request

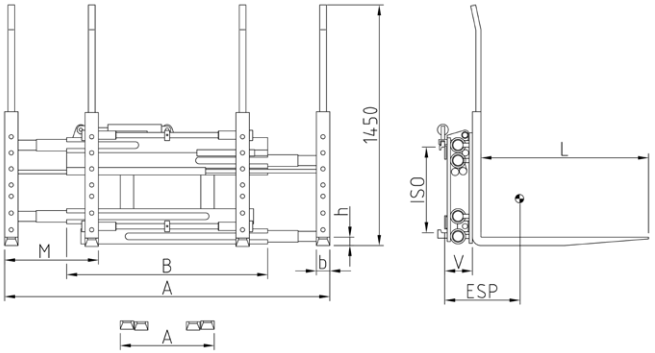


DURWEN Forklift Attachments

Double fork positioner for 2-4 pallets

DPK

The double fork positioner can pick up two or four pallets through hydraulic fork positioning and extra fork length. The distance between the pallets can be reduced to zero. The strong frame construction maximises service life and safe working. The compact design gives excellent visibility. With the extended forks it is possible to load and unload vehicles from one side. Sideshift is fitted as standard.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	M mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
DPK 34	3,5-4,0/500	980	1600/1200	III	1200	560-1940	560	80x60x2400	+/- 100	182	579	177	780
DPK 45	4,0/600-5,0/500	1150	2500/1200	III	1400	560-1940		80x65x2400	+/- 150	195	570	174	933
DPK 48	5,0/600	1150	2800/1200	III	1400	560-1940		80x65x2400	+/- 150	198	580	174	943
DPK 60	5,0-6,0/600	1520	3600/1200	IV	1420	560-1940		80x65x2400	+/- 160	171	492	235	1088
DPK 80	7,0-8,0/600	1520	4600/1200	IV	1420	560-1940		80x70x2400 100x65x2400	+/- 160	171	485	232	1190
DPK 100	8,0/900	1870	5600/1200	IV	1800	580-1960		90x70x2400 105x65x2400	+/- 160	181	478	239	1446
DPK 120	8,0/1100	1800	7000/1200	IV	2000	580-1960		90x70x2400 105x65x2400	+/- 160	181	466	250	1517
DPK 180-I*	15,0/600	-	9600/1200	integrated	2550	750-2080		160x70x2400	+/- 200	390	415	600**	3800

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- optional with high visibility load backrest upon request / ISO IV not available
- no sideshift ISO III, ISO IV upon request, data change, please ask
- automatic lubrication system: upon request
- single pair control upon request
- scanner holder upon request

* weight without brackets / COG is without brackets, from front edge of brackets / LLC is from front edge of brackets

** from floor

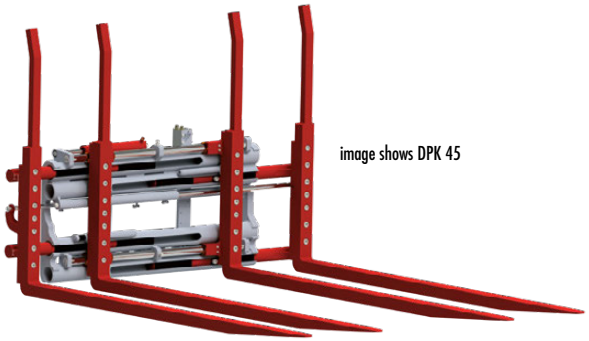


image shows DPK 45

DURWEN Forklift Attachments

Double pallet handler DPK-SF beverage-PremiumCam

Product video

optimal visibility due to compact design

well-protected cable routing

incl. monitor, mast cable and deflection pulley

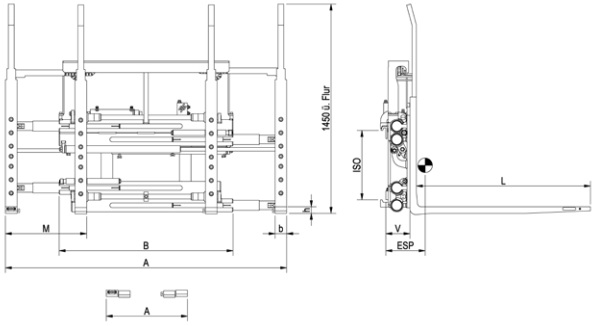
bolted components enable fast and easy replacement of all parts

PATENT PENDING

- Protected cable routing
- FrontCam
- SideCam
- Automatic PremiumCam
- Laser

Double pallet handler beverage-PremiumCam

The **double pallet handler beverage-PremiumCam** is based on a standard DPK unit. The patented extra equipment of three cameras integrated into the forks (SideCam) enables a safe and fast entering of the load. The cameras are positioned in a way that they are protected and at the same time allow for handling pallets at maximum closed fork position. Built-in sensors enable automatic switching to a camera integrated in the fork tip (FrontCam), which can display a safe loading process at the front.



Beverage-PremiumCam without FrontCam													
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	M/N/O mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg
DPK 25-SF-GPC	2,5/600	920	2500/600	II	1200	560-1940	560	80x45x1200	+/- 100	165	255	235	570
DPK 30-SF-GPC	3,0/500	920	2600/600	III	1200	560-1940		80x45x1200		165	255	249	575
DPK 35-SF-GPC	3,0/600-4,0/500	980	3200/600	III	1200	560-1940		80x60x1200		182	250	243	720
DPK 40-SF-GPC	4,0-5,0/600	1160	4500/600	III	1400	560-1940		80x60x1200		192	245	241	805

Beverage-PremiumCam with FrontCam													
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	M/N/O mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg
DPK 25-SF-GPCF	2,5/600	920	2500/600	II	1200	560-1940	560	80x45x1200	+/- 100	165	255	235	570
DPK 30-SF-GPCF	3,0/500	920	2600/600	III	1200	560-1940		80x45x1200		165	255	249	575
DPK 35-SF-GPCF	3,0/600-4,0/500	980	3200/600	III	1200	560-1940		80x60x1200		182	250	243	720
DPK 40-SF-GPCF	4,0-5,0/600	1160	4500/600	III	1400	560-1940		80x60x1200		192	245	241	805

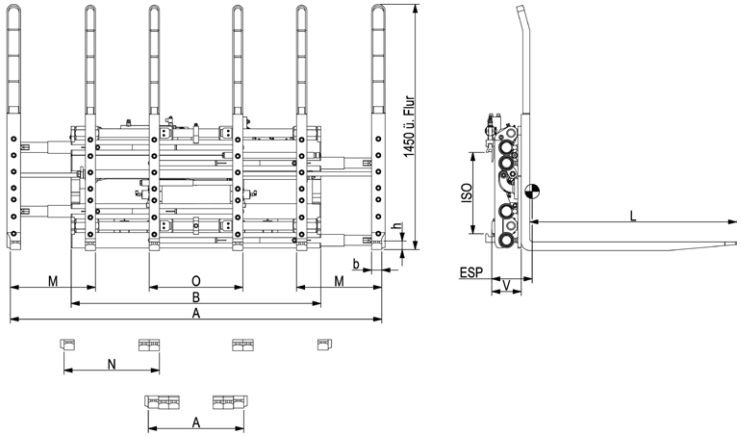
- 2 hydraulic functions required
- includes hoses and couplings

- delivery includes mast cable, mounting kit and monitor
- constant sideshift as standard
- automatic lubrication system: upon request

Triple fork positioner for 1-2-3 pallets

DRPK

The triple fork positioner can pick up one, two or three pallets through hydraulic fork positioning. The distance between the pallets can be reduced to zero. The strong frame construction maximises service life and safe working. Sideshift is fitted as standard.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	M/N/O mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg
DRPK 25	2,5/600	1150	2500/600	II	1630	560-2285	500/560/550	60x45x1200	+/- 100	171	220	274	716
DRPK 30	3,0-3,5/600	1150	3000/600	III	1465 1630 1796	560-2240 560-2285 560-2450	530/590/550 500/560/550 500/560/550	60x45x1200		171	222 220 218	272 274 277	701 716 738
DRPK 45	4,0-5,0/600	1150 1150 1350 1350	3800/600	III	1630 1796 2006 2286	560-2285 560-2450 560-2660 560-2940	500/560/550	60x50x1200		171	231 229 225 220	270 273 276 279	738 762 817 882
DRPK 50	5,0/600	1750	4500/600	IV	1980	560-2760	510/570/550	60x65x1200	+/- 150	233	235	317	1140

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- optional with high visibility load backrest upon request / ISO IV not available
- no sideshift ISO II/III, ISO IV upon request data change, please ask
- automatic lubrication system: upon request
- single pair control upon request
- scanner holder upon request

3D product video

DURWEN Forklift Attachments

Multi fork positioner with load-extender for 1-2 and 1-2-3 pallets

VDPK
VDRPK

The double fork positioner with load-extender can load and unload trailers from one side. Additionally, the attachment has all the advantages of the double fork positioner, i.e. sideshift, slim forks, handling of one or two pallets and positioning the pallets together. The stroke of the load-extender is sufficient for the standard vehicle width of 2400 mm.

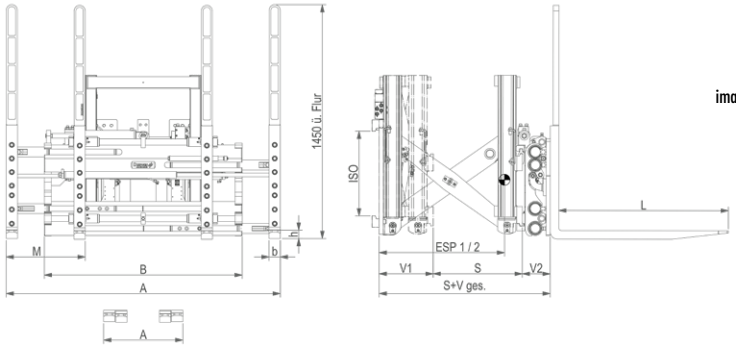


image shows VDPK

double fork positioner for 1+ 2 pallets														
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	M mm	forks b x h x L mm	stroke S mm	sideshift mm	V1+V2 LLC mm	COG 1/ COG 2 hor. mm	COG 1/ COG 2 vert. mm	weight kg
VDPK 25	3,5/600	980	2400/600	II/III	1200	560-1940	560	80x40x1200	650	+/- 100	530	390/870	366/324	990
VDPK 45	4,5-5,0/600	980	2600/600	III				80x45x1200			550	377/814	366/324	1150
VDPK 50	5,0/600	980	2600/600	IV				80x45x1200			550	377/814	366/324	1170

triple fork positioner for 1, 2 and 3 pallets														
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	M/N mm	forks b x h x L mm	stroke S mm	sideshift mm	V1+V2 LLC mm	COG 1/ COG 2 hor. mm	COG 1/ COG 2 vert. mm	weight kg
VDRPK 45	5,0/600	1150	3000/600	III	1630	560-2285	510/560	60x45x1200	650	+/- 125	554	400/870	360/323	1390
VDRPK 60	6,0/600	1150	3800/600	IV								400/870	360/323	1400
VDRPK 70	7,0/600	1150	3900/600	IV				60x50x1200				410/882	354/319	1430
VDRPK 80	8,0/600	1150	4500/600	IV					970	+/- 150	530	330/980	445/390	1905

- 3 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- automatic lubrication system upon request
- optional with high visibility load backrest: ISO II/III upon request, ISO IV not available

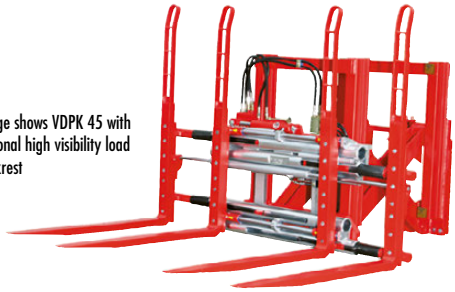


image shows VDPK 45 with optional high visibility load backrest

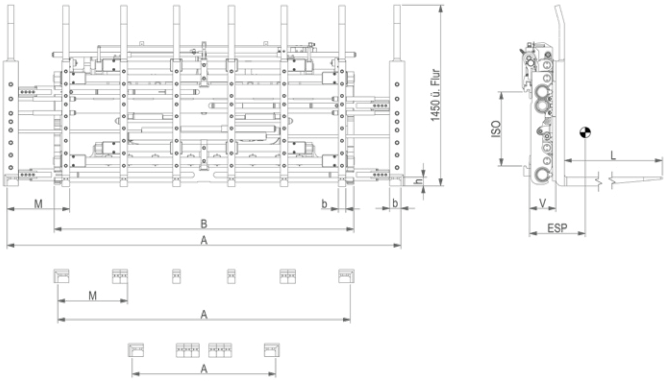
COG 1 = retracted
COG 2 = extended

DURWEN Forklift Attachments

Multiple fork positioner for 2-3-4 and 6-8 pallets

VPK
APK

The multiple fork positioner VPK can pick up 2, 3 or 4 pallets through hydraulic fork positioning.
The multiple fork positioner APK can pick up 4, 6 or 8 pallets. Both models give excellent visibility to the operator. The stable frame gives strong support to the forks and allows high goods turnover. Sideshift is fitted as standard.



type VPK for 2-3-4 pallets													
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	M mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
VPK 50	5,0/600	2000	3600/600	IV	2400	1360-3155	500	80x60x1200	+/- 150	189	210	322	1390

type APK for 4-6-8 pallets													
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	M mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
APK 80	8,0/900	2000	5600/1200	IV	2400	1360-3155	500	120/90x70x2400 60x70x2400	+/- 150	210	435	290	2550

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- automatic lubrication system upon request

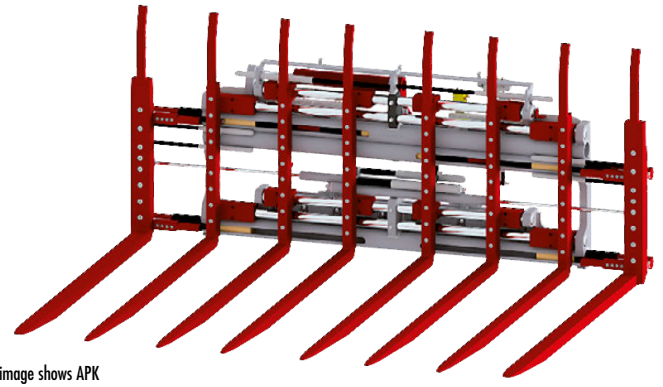


image shows APK

DURWEN Forklift Attachments

Multiple fork positioner SPK 2

3D product video

Durwen app

App Store

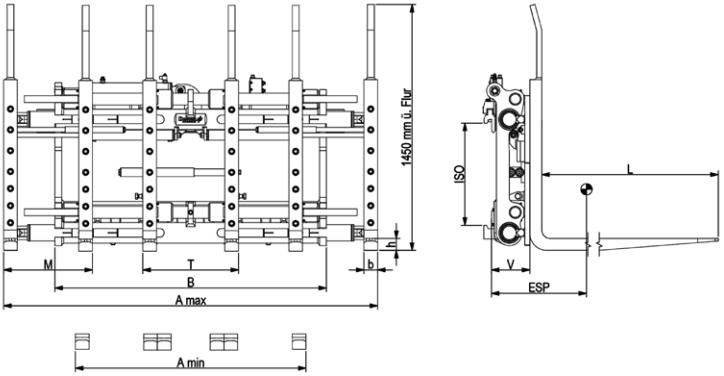
Google Play

DURWEN DSP ServicePlus

Multiple fork positioner for 4-6 pallets

SPK-2

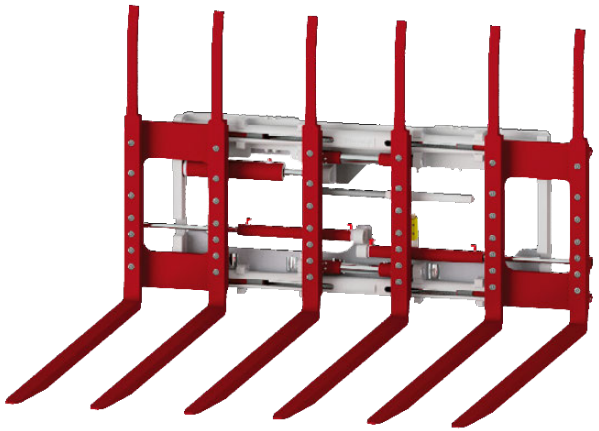
The multiple fork positioner SPK is ideal for picking up and transporting 4 or 6 pallets at one time. Despite the stable and robust construction it offers excellent visibility to the operator. The outer forks spread beyond the attachment frame width.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A AK-AK mm	M/N/O mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
SPK 60-2	6,0/600	1650	3000/1200	IV	1860	1340-2290	500/530	80x60x2400	+/- 160	162	520	185	1450
SPK 80-2*	8,0/600	1750	4000/1200		1860	1340-2290	500/520	120x70x2400 80x70x2400		162	560	155	1660
SPK 100-2*	8,0/900	1750 1900	6000/1200		1860 2260	1340-2290 1340-2700	500/520	120x70x2400 80x70x2400		174	550 535	165 176	1880 1945

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- automatic lubrication system upon request

* also fork section 100x70 / 80x70 mm possible, please ask



DURWEN Forklift Attachments

Multiple sideshifts

DST

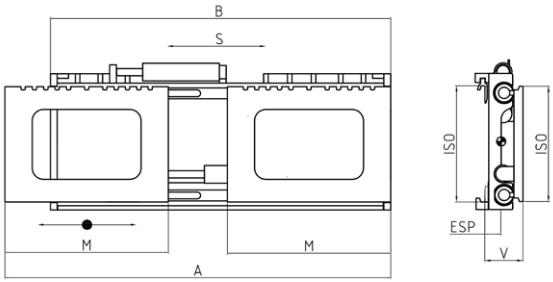
Multiple sideshifts from Durwen increase efficiency. By handling 2, 3 or 4 pallets at one time, efficiency can be increased dramatically. The main sideshift is enhanced by sideshifting front plates and can be used at all times to allow the joining or separation of loads or for correcting fork position. Standard hook-on forks can be used. Loads have to be equally distributed to all fork sets as off-centre loading is not allowed.

name	type	function
double sideshift	DST 1-0	one fork carriage fixed, one fork carriage movable
triple sideshift	DST 1-0-1	one fork carriage fixed in the middle, the outer fork carriages can be moved individually
triple sideshift	DST 1-1	both fork carriages can be moved individually

Double sideshift, 2 pallets

DST 1-0

One fork carriage fixed, one fork carriage hydraulically driven. One main sideshift.



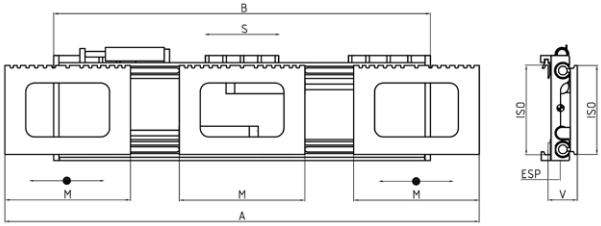
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO mm	B mm	opening range A OTO mm	M mm	sideshift mm	V LLC mm	COG/ESP hor. mm	weight kg
DST 25-1-0	2,5/600	1150 1350	2500/600	II	1350 1550	1500-1700 1980-2180	720 980	+/- 100	155	81 84	275 315
DST 50-1-0	5,0/600	1350 1750	5000/600	III	1500 1980	1500-1700 1980-2260		+/- 100	168	79 90	345 430
DST 80-1-0	8,0/600	1350 1750	8000/600	IV	1500 1980	1500-1700 1980-2260		+/- 160	182	85	640 765

- 2 hydraulic functions required
- includes hoses and couplings
- bolt-on forks upon request

Triple sideshift, 3 pallets

DST 1-0-1

Centre fork carriage fixed, the outer fork carriages hydraulically driven. One main sideshift.



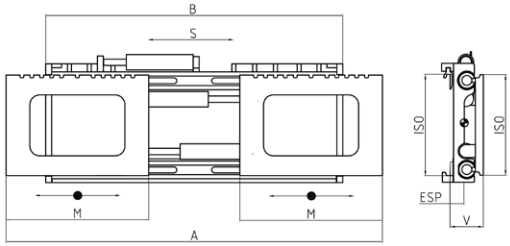
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO mm	B mm	opening range A OTO mm	M mm	sideshift mm	V LLC mm	COG/ESP hor. mm	weight kg
DST 50-1-0-1	5,0/600	1860 2400	5000/600	III	2160 2940	2160-2720 2940-3500	720 980	+/- 100	168	90	530 655
DST 80-1-0-1	8,0/600	1860 2400	8000/600	IV	2160 2940	2160-2720 2940-3500	720 980	+/- 160	182		860 970

- 2 hydraulic functions required
- includes hoses and couplings
- bolt-on forks upon request
- choose solenoid valve for individual carriage movement instead. One extra electric function required
- choose flow divider for syncronised movement of outer carriages

Triple sideshift, 2 pallets

DST 1-1

Both fork carriages hydraulically driven. One main sideshift.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO mm	B mm	opening range A OTO mm	M mm	sideshift mm	V LLC mm	COG/ESP hor. mm	weight kg
DST 25-1-1	2,5/600	1350 1750	2500/600	II	1500 1980	1500-1900 1980-2380	720 980	+/- 100	155	81 84	285 325
DST 50-1-1	5,0/600	1350 1750	5000/600	III	1500 2120	1500-1900 1980-2540		+/- 100	168	85 93	375 480
DST 80-1-1	8,0/600	1350 1750	8000/600	IV	1500 2120	1500-1900 1980-2540		+/- 160	182	85 85	690 815

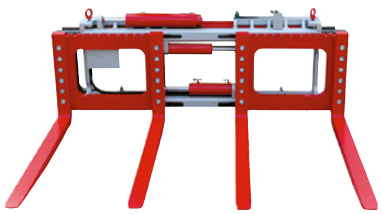


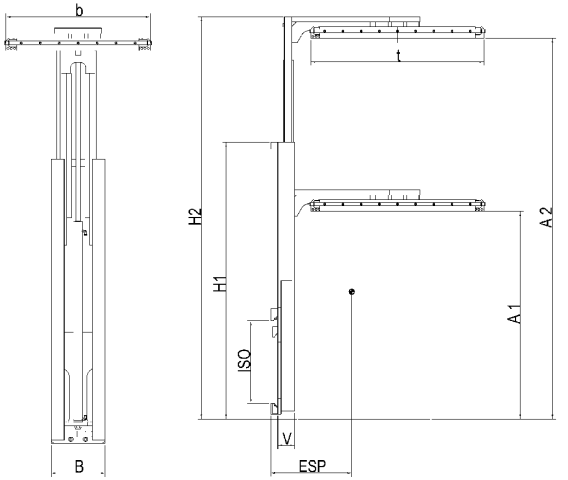
image shows DST with special equipment: bolt-on forks

- 2 hydraulic functions required
- includes hoses and couplings
- choose solenoid valve for individual carriage movement instead. One extra electric function required
- choose flow divider for syncronised movement of outer carriages
- bolt-on forks upon request

DURWEN Forklift Attachments

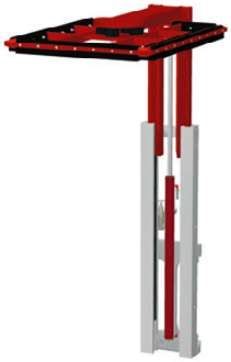
Load stabiliser

The load stabiliser allows the lift truck driver safer transport of unstable loads. The load stabiliser is fitted with a pressure relief valve and pressure gauge as standard. The all-directional articulating bolt-on contact plate is equipped with bolt-on rubber.



type	lift truck to LC mm	ISO	width B mm	opening range A1/A2 mm	H 1 mm	H 2 mm	pressure frame b x t mm	max. pressure force 120 bar	V LLC mm	COG/ESP hor. mm	weight kg
LH 12	1,0-5,0/600	II/III	300	890-1580	1150	1700	750x1000	400 kg	100	240	225
LH 13				1000-1800	1300	1925				230	240
LH 14				900-1800	1400	2025				225	245
LH 15				1100-2000	1500	2125				220	250
LH 16				1200-2200	1600	2325				210	265
LH 17				1300-2400	1700	2525				200	270
LH 18				1400-2600	1800	2725				190	295

- 1 hydraulic function required
- includes pressure relief valve and pressure gauge
- data refer to ISO type A mounting
- other opening ranges upon request
- mounting ISO IV upon request
- load backrest upon request, data change, please ask
- telescopic version upon request

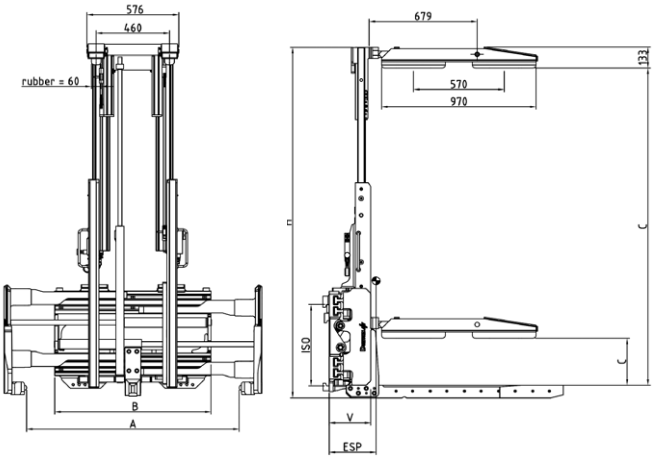


KEG - clamp

KEG
KEG-S

with load stabiliser

The KEG - clamp allows for lift and transport of casks (KEG's) without pallets. With the integrated load stabiliser, additional stability during transport is provided.

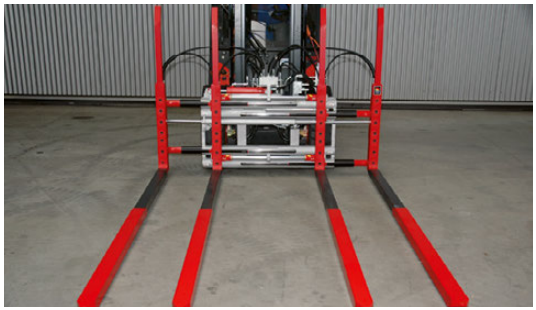


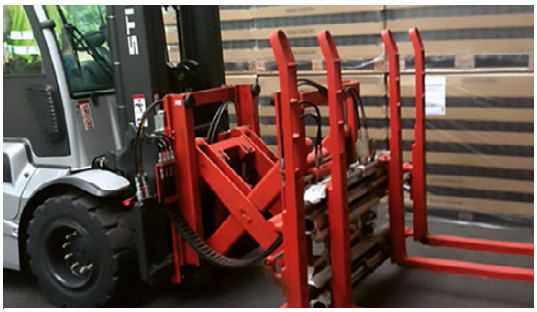
type	lift truck capacity to	min. carriage mm	capacity kg/mm LC	ISO	B mm	A ITI mm	inner fork b x h x l mm	outer forks b x h x l mm	load stabilizer c mm	sideshift mm	V LLC mm	ESP COG/ESP hor. mm	ESP COG/ESP vert. mm	weight kg
KEG 30	3,0/500	920	1680/635	II/III	980	520-1370	50x70x1220 50x70x1220	50x80x1220 50x80x1220	275-1975 275-2175	none	260 260	285 300	690 695	770 780
KEG 30-S	3,0/500	730	1680/635	II/III	980	520-1370	50x70x1220 50x70x1220	50x80x1220 50x80x1220	275-1975 275-2175	+/- 100	277 277	305 310	725 732	780 790

- 2 hydraulic functions required
  (3 hydraulic functions with sideshift)
- solenoid valve upon request
  (12 V, 24 V, 48 V, 80 V - please specify)
- includes hoses and couplings
- ISO 2328 A

DURWEN Forklift Attachments

Impressions of Durwen multiple fork positioners

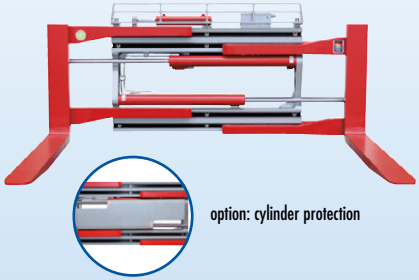




DURWEN Forklift Attachments

Fork clamp

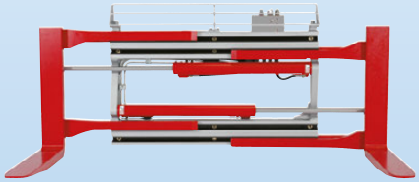
The fork clamp PGK can spread the forks beyond the attachment frame width. It can carry loads on the forks as well as clamped between the forks. The strong steel profiles allow for excellent visibility and minimised lost load centre. Available with constant sideshift or sideshift by valve. Bolt-on forks are standard.



option: cylinder protection

type PGK-S, constant sideshift, bolt-on forks

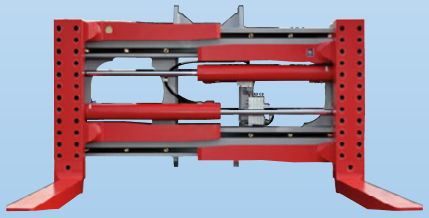
*sideshift see table



type PGK, integral sideshift (via valve), bolt-on forks

$$\text{max. sideshift} = \frac{\text{max. opening} - \text{min. opening}}{4}$$

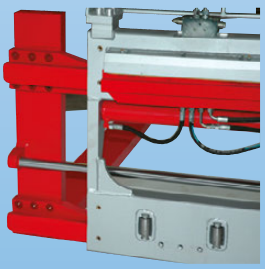
min. sideshift = 0



for heavy trucks type PGK 140-I, integral sideshift (via valve), bolt-on forks

$$\text{max. sideshift} = \frac{\text{max. opening} - \text{min. opening}}{4}$$

min. sideshift = 0



type PGK-S sideshift rollers as standard

bolt-on forks

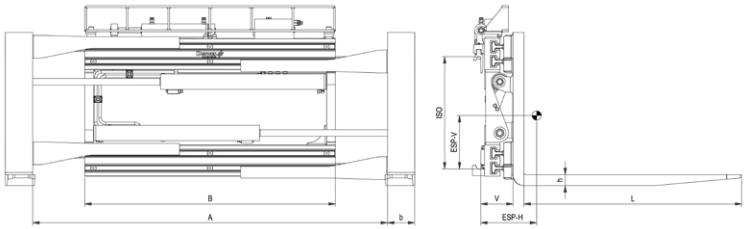
Fork clamp type PGK-S

Fork clamp

PGK-S
ISO II/III

constant sideshift, bolt-on forks

The fork clamp PGK-S can spread the forks beyond the attachment frame width. It can carry loads on the forks as well as clamped between the forks. The strong steel profiles allow for excellent visibility and minimised lost load centre. A constant sideshift is included as well as bolt-on forks.



type	lift truck to LC mm	min. carriage mm	capacity on forks kg LC mm	capacity as clamp kg LC mm	ISO	B mm	opening range A ITI mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg
PGK 15-S*	1,0-1,5/500	730 900	1500/500	1200/500	II	980 1050	360-1510 360-1580	100x35x1200		116	190 188	191 192	305 310
PGK 20-S	1,6-2,0/500	730 900 900	2000/500	1500/500	II	980 1050 1150	360-1510 360-1580 360-1680	100x40x1200		121	202 200 198	189 190 192	325 335 345
PGK 25-S	2,0-2,5/600	730 900 900 900 900 980	2500/600	1900/500	II	980 1050 1150 1150 1200 1400	310-1460 310-1530 310-1630 70-1150 310-1680 310-1880	125x45x1200		148	222 218 215 212 220 211	186 188 190 187 191 195	425 435 450 445 455 485
PGK 30-S	3,0/500	730 900 900 900 900 900 900 980	3000/500	2400/500	III	980 1050 1150 1150 1200 1300 1350 1450	310-1460 310-1530 310-1630 210-1430 310-1680 310-1780 310-1830 310-1930	125x50x1200	+/- 100	148	220 215 210 212 208 206 205 200	224 227 230 230 231 235 235 235	450 460 475 470 482 485 500 510
PGK 35-S	3,0/600- 3,5/500	980 980 980	3500/500	2700/500	III	1150 1250 1350	260-1580 260-1680 260-1780	150x50x1200		153	240 239 235	223 224 226	530 550 570
PGK 40-S	3,5-4,0/600	1050 1050 1050 1150	4100/500	2900/500	III	1150 1250 1350 1450	250-1560 250-1660 250-1760 250-1860	150x50x1200		155	212 210 207 205	253 255 258 260	625 645 665 685
PGK 45-S	4,5-5,0/500	1050 1050 1150 1150	4500/600	3500/500	III	1250 1350 1450 1550	250-1660 250-1760 250-1860 250-1960	150x60x1200		165	207 205 204 203	250 252 254 255	720 740 760 780
PGK 48-S	5,0/600	1050 1150 1150	5000/600	3500/600	III	1350 1450 1550	250-1700 250-1800 250-1900	150x70x1200		175	230 225 220	249 250 252	830 850 860

- 2 hydraulic functions required
- includes hoses and couplings
- features bolt-on forks as standard
- toe-in on forks as standard
- constant sideshift as standard
- with pressure relief valve on the clamp function as standard

- with protection strip as standard
- load backrest type LS-K see page 247
- cylinder protection upon request
- slip-on arms see page 244-245
- foundry/fishing version see page 240-241

*Forks longer 1600 mm cross section changes

type	forks b x h mm
PGK 15-S	100x40

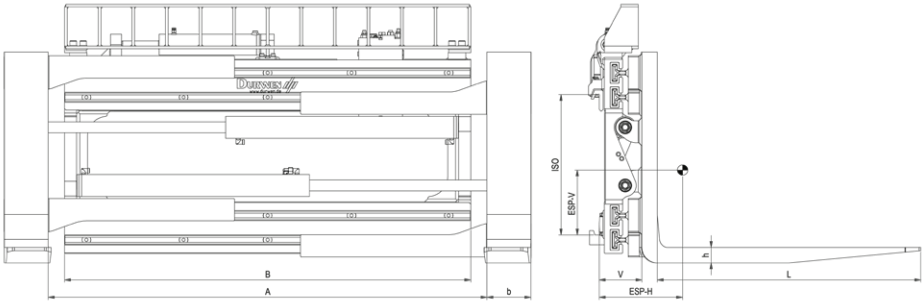
DURWEN Forklift Attachments

Fork clamp

constant sideshift, bolt-on forks

PGK-S
ISO IV

The fork clamp PGK-S can spread the forks beyond the attachment frame width. It can carry loads on the forks as well as clamped between the forks. The strong steel profiles allow for excellent visibility and minimised lost load entre. A constant sideshift is included as well as bolt-on forks.



type	lift truck to LC mm	min. carriage mm	capacity on forks kg LC mm	capacity as clamp kg LC mm	ISO	B mm	opening range A ITI mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg
PGK 50-S	5,0/600	1090	5000/600	3500/600	IV	1350	250-1700	150x70x1200	+/- 100	179	220	303	950
		1090				1450	250-1800		+/- 100		215	305	960
		1090				1550	250-1900		+/- 160		210	309	990
		1350				1800	250-2150		+/- 160		205	311	1060
PGK 60-S	6,0/600	1090	6000/600	3800/600		1450	250-1800	150x70x1200	+/- 100	179	208	307	965
		1090				1550	250-1900		+/- 160		205	309	995
		1350				1750	250-2100		+/- 160		200	311	1035
		1350				1800	250-2150		+/- 160		198	312	1060
		1350				2000	250-2350		+/- 160		195	313	1095
PGK 80-S	7,0-8,0/600	1350	8000/600	4800/600		1350	160-1500	200x70x1200	+/- 100	192	228	335	1290
		1800				1750	160-1900		+/- 160		220	332	1350
		1800				1800	160-1950		+/- 160		219	330	1365
		1800				1850	160-2000		+/- 160		218	329	1380
		1800				1950	160-2100		+/- 160		215	327	1410
		1800				2000	160-2150		+/- 160		214	325	1425
		1800				2200	160-2350		+/- 160		208	322	1485
PGK 100-S	8,0/900	1800	8000/900	7500/600		1950	160-2100	200x80x1200	+/- 160	207	210	335	1645
		1800				2000	160-2150				208	332	1660
		1800				2100	160-2250				205	330	1690
		1800				2200	160-2350				200	328	1720
		1800				2400	160-2550				198	325	1765
PGK 110-S	8,0/1100	1800	8000/1100	8000/600		2200	160-2040	200x100x1200	+/- 160	217	220	325	2520

- 2 hydraulic functions required
- includes hoses and couplings
- features bolt-on forks as standard
- toe-in on forks as standard
- constant sideshift as standard
- sideshift rollers as standard
- with pressure relief valve on the clamp function as standard
- with protection strip as standard
- load backrest type LS-K see page 247
- cylinder protection upon request
- slip-on arms see page 244-245
- foundry/fishing version see page 240-241

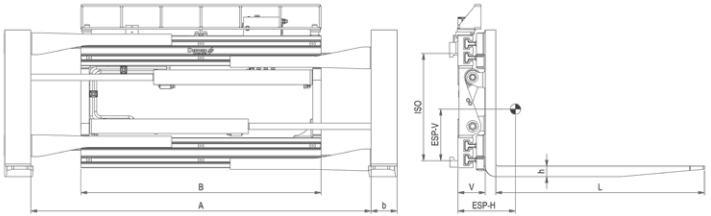
DURWEN Forklift Attachments

Fork clamp

integral sideshift, bolt-on forks

PGK
ISO II/III

The fork clamp PGK can spread the forks beyond the attachment frame width. It can carry loads on the forks as well as clamped between the forks. The strong steel profiles allow for excellent visibility and minimised lost load centre. An integral sideshift is included as well as bolt-on forks.



type	lift truck to LC mm	min. carriage mm	capacity on forks kg LC mm	capacity as clamp kg LC mm	ISO	B mm	opening range A ITI mm	forks b x h x L mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg	moving mass kg
PGK 15*	1,0-1,5/500	860 890	1500/500	1200/500	II	980 1050	360-1510 360-1580	100x35x1200	101	183 180	190 191	300 305	181 186
PGK 20	1,6-2,0/500	860 890 990	2000/500	1500/500	II	980 1050 1150	360-1510 360-1580 360-1680	100x40x1200	106	195 190 188	188 189 191	320 330 340	196 197 201
PGK 25	2,0-2,5/600	860 890 890 990 990 990 990	2500/600	1900/500	II	980 1050 1080 1150 1150 1200 1400	310-1460 310-1530 310-1560 310-1630 70-1150 310-1680 310-1880	125x45x1200	131	231 219 217 214 225 212 202	182 184 185 186 180 186 190	415 420 425 440 435 445 465	235 257 257 257 224 257 259
PGK 30	3,0/500	860 890 990 990 1040 1040 1150 1150	3000/500	2400/500	III	980 1050 1150 1150 1200 1300 1350 1450	310-1460 310-1530 310-1630 210-1430 310-1680 310-1780 310-1830 310-1930	125x50x1200	131	229 223 219 219 216 211 210 204	222 225 227 228 229 229 230 233	440 450 465 460 470 475 480 513	278 282 283 280 283 284 284 284
PGK 35	3,0/600- 3,5/500	990 1070 1150	3500/500	2700/500	III	1150 1250 1350	260-1580 260-1680 260-1780	150x50x1200	136	234 229 225	219 221 223	520 535 550	339 340 341
PGK 40	3,5-4,0/600	990 1090 1150 1150	4100/500	2900/500	III	1150 1250 1350 1450	250-1560 250-1660 250-1760 250-1860	150x50x1200	138	212 209 201 197	247 248 252 256	610 630 650 670	377 378 393 395
PGK 45	4,5-5,0/500	1090 1150 1150 1350	4500/600	3500/500	III	1250 1350 1450 1550	250-1660 250-1760 250-1860 250-1960	150x60x1200	148	226 221 217 212	245 246 248 249	700 720 740 760	452 460 462 462
PGK 48	5,0/600	1150 1150 1350	5000/600	3500/600	III	1350 1450 1550	250-1700 250-1800 250-1900	150x70x1200	158	223 224 225	244 246 247	810 830 840	544 546 547

- 2 hydraulic functions required
- includes hoses and couplings
- features bolt-on forks as standard
- toe-in on forks as standard
- with pressure relief valve on the clamp function as standard
- with protection strip as standard
- load backrest type LS-K see page 247
- cylinder protection upon request
- slip-on arms see page 244-245
- foundry/fishing version see page 240-241

*Forks longer 1600 mm cross section changes

type	forks b x h mm
PGK 15	100x40

DURWEN Forklift Attachments

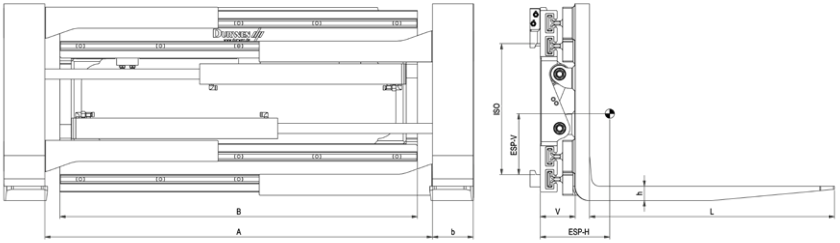
PL 01-2026

Fork clamp

PGK
ISO IV

integral sideshift, bolt-on forks

The fork clamp PGK can spread the forks beyond the attachment frame width. It can carry loads on the forks as well as clamped between the forks. The strong steel profiles allow for excellent visibility and minimised lost load centre.
An integral sideshift is included as well as bolt-on forks.

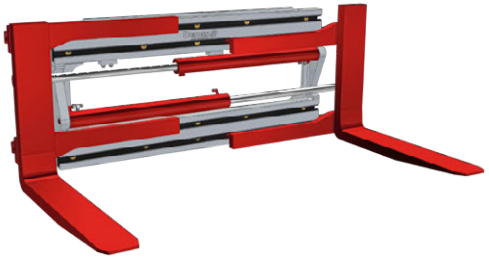


type	lift truck to LC mm	min. carriage mm	capacity on forks kg LC mm	capacity as clamp kg LC mm	ISO	B mm	opening range A ITI mm	forks b x h x L mm	V LLC mm	COG/ ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
PGK 50	5,0/600	1225 1320 1420 1640	5000/600	3500/600	IV	1350 1450 1550 1800	250-1700 250-1800 250-1900 250-2150	150x70x1200	158	220 213 209 201	282 288 290 294	890 920 940 995	567 569 576 580
PGK 60	6,0/600	1255 1320 1420 1640 1640	6000/600	3800/600	IV	1300 1450 1550 1800 2000	250-1650 250-1800 250-1900 250-2150 250-2350	150x70x1200	158	221 213 209 201 196	281 288 290 294 295	890 930 950 1001 1060	566 569 574 576 577
PGK 80	7,0-8,0/600	1600 1600 1600 1600	8000/600	4800/600	IV	1850 2000 2200 2400	160-2000 160-2150 160-2350 160-2550	200x70x1200	169	205 202 197 193	292 294 296 298	1250 1285 1325 1365	764 766 769 772
PGK 100	8,0/900	1600 1600 1600 1600	8000/900	7500/600	IV	2000 2100 2200 2400	160-2150 160-2250 160-2350 160-2550	200x80x1200	185	220 210 205 200	296 288 286 282	1560 1590 1620 1670	960 962 964 969
PGK 110	8,0/1100	1750	8000/1100	8000/600	IV	2200	160-2060	200x100x1200	210	225	280	2420	1080
PGK 120-I*	12,0/1200	-	12000/1200	6500/1200	integriert	2200 2400	200-2000 200-2200	250/220x120x1200	330	220 230	750** 752**	3800 3950	2110 2150
PGK 140-I*	14,0/1200	-	14000/1200	7000/1200	integriert	2200 2400	200-2000 200-2200	250/230x120x1200	330	235 240	748** 746**	3860 4010	2130 2170
PGK 160-I*	16,0/1200	-	16000/1200	7500/1200	integriert	2200 2400	200-2000 200-2200	250x120x1200	330	260 250	740** 738**	3940 4090	2170 2210

- 2 hydraulic functions required
- includes hoses and couplings
- features bolt-on forks as standard
- toe-in on forks as standard
- with pressure relief valve on the clamp function as standard
- load backrest type LS-K see page 247
- cylinder protection upon request
- slip-on arms see page 244-245
- foundry/fishing version see page 240-241

* weight without brackets / COG is without brackets, from front edge of brackets / LLC is from front edge of brackets

** from floor



DURWEN Forklift Attachments

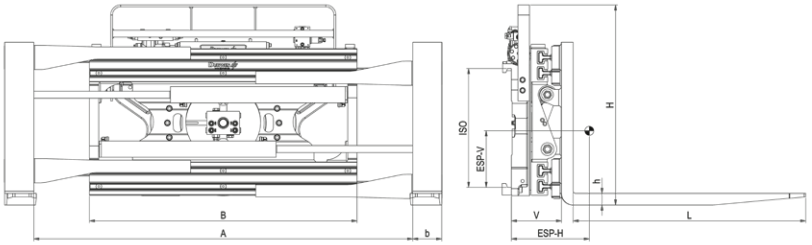
360° revolving fork clamp type DUZ

Revolving fork clamp 360°

bolt-on forks

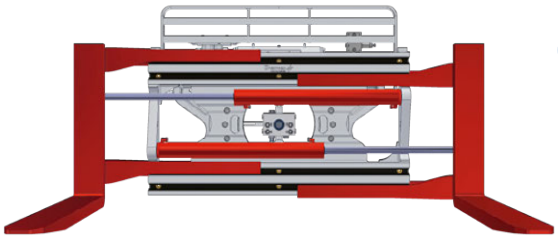
DUZ
ISO II/III

The revolving fork clamp DUZ is a multi-purpose clamp with 360° continuous rotation. Loads can be carried on forks or clamped between them. Revolving fork clamps are perfect for emptying containers, boxes, bins etc.. The unit features bolt-on forks and a direct drive for rotation.



type	lift truck to LC mm	min. carriage mm	capacity on forks kg LC mm	capacity as clamp kg LC mm	ISO	B mm	opening range A ITI mm	forks b x h x L mm	H mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg
DUZ 15	1,5-2,0/500	840 840	1900/500	1400/500	II	980 1050	360-1510 360-1580	100x40x1200	770	182	190 188	211 213	485 495
DUZ 25	2,0-2,5/600	950 950 950 950 950	2500/600	1900/500	II	980 1050 1150 1250 1350	310-1460 310-1530 310-1630 310-1730 310-1830	125x50x1200	860	216	216 218 220 221 222	238 240 241 242 243	655 665 680 695 710
DUZ 30	3,0/500	950 950 950 950 950	3000/500	2400/500	III	980 1050 1150 1250 1350	310-1460 310-1530 310-1630 310-1730 310-1830	125x50x1200	860	216	222 220 219 217 216	240 242 243 243 244	660 670 680 700 715
DUZ 35	3,0/600- 3,5/500	950 950	3500/500	2700/500	III	1150 1350	260-1580 260-1780	150x50x1200	860	221	235 233	239 238	740 765
DUZ 40	3,5-4,0/600	1130 1130 1130	4100/500	2900/500	III	1250 1350 1450	250-1660 250-1760 250-1860	150x50x1200	980	241	218 215 210	280 279 277	955 975 995
DUZ 45	4,5-5,0/500	1130 1130 1130	4500/600	3500/600	III	1250 1350 1450	250-1660 250-1760 250-1860	150x60x1200	980	251	237 235 232	272 274 278	1030 1045 1068
DUZ 48	5,0/600	1130	4800/600	3500/600	III	1350	250-1700	150x70x1200	980	261	251	270	1145

- 2 hydraulic functions required
- includes hoses and couplings
- 360° endless rotation
- direct drive due to worm gear
- features bolt-on forks as standard
- toe-in on forks as standard
- with pressure relief valve on the clamp function as standard
- with protection strip as standard type SB-DG (does not rotate)
- cylinder protection upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- pressure gauge + pressure manually adjustable (up to 160 bar) upon request
- slip-on arms see page 244-245
- foundry/fishing version see page 240-241



bolt-on forks

option: cylinder protection

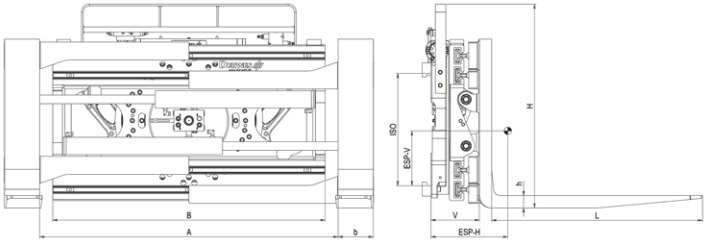
DURWEN
Forklift Attachments

Revolving fork clamp 360°

DUZ ISO IV

bolt-on forks

The revolving fork clamp DUZ is a multi-purpose clamp with 360° continuous rotation. Loads can be carried on forks or clamped between them. Revolving fork clamps are perfect for emptying containers, boxes, bins etc.. The unit features bolt-on forks and a direct drive for rotation.



type	lift truck to LC mm	min. carriage mm	capacity on forks kg LC mm	capacity as clamp kg LC mm	ISO	B mm	opening range A ITI mm	forks b x h x L mm	H mm	V LLC mm	COG/ ESP hor. mm	COG ESP vert. mm	weight kg
DUZ 50	5,0/600	1150 1150 1150	4800/600	3500/600	IV	1250 1350 1450	250-1600 250-1700 250-1800	150x70x1200	1025	261	248 245 244	290 292 293	1205 1225 1245
DUZ 60	6,0/600	1120 1120 1120	5700/600	3800/600	IV	1300 1450 1550	250-1650 250-1800 250-1900	150x70x1200	1160	263	235 230 227	328 325 323	1330 1360 1380
DUZ 80	7,0-8,0/600	1120	8000/600	4800/600	IV	1550	160-1700	200x70x1200	1160	274	242	323	1650
DUZ 100	8,0/900	1120	8000/900	7500/600	IV	1550	160-1700	200x80x1200	1145	300	215	376	1970
DUZ 120-I*	12,0/1200	-	12000/1200	5500/1200	integriert	2200 2400	200-2000 200-2200	250/220x120x1200	-	500	300 310	810** 812**	6490 6640
DUZ 140-I*	14,0/1200	-	14000/1200	6000/1200	integriert	2200 2400	200-2000 200-2200	250/220x120x1200	-	500	315 320	808** 806**	6550 6700
DUZ 160-I*	16,0/1200	-	16000/1200	6500/1200	integriert	2200 2400	200-2000 200-2200	250x120x1200	-	500	340 330	800** 798**	6630 6780

- 2 hydraulic functions required
- includes hoses and couplings
- 360° endless rotation
- direct drive due to worm gear
- features bolt-on forks as standard
- toe-in on forks as standard

- with pressure relief valve on the clamp function as standard
- with protection strip as standard type SB-DG (does not rotate)
- cylinder protection upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- pressure gauge + pressure manually adjustable (up to 160 bar) upon request
- slip-on arms see page 244-245

- foundry/fishing version see page 240-241

* weight without brackets / COG is without brackets, from front edge of brackets / LLC is from front edge of brackets

**COG/ESP vertical from floor

DURWEN
Now includes protection strip type SB-DG

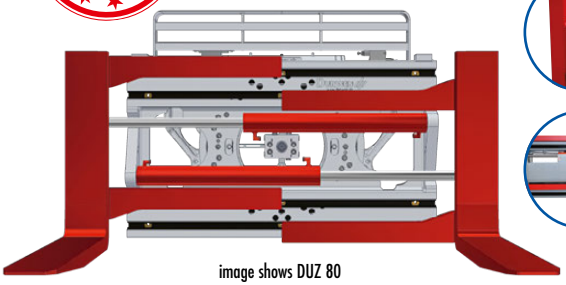


image shows DUZ 80

bolt-on forks

option: cylinder protection

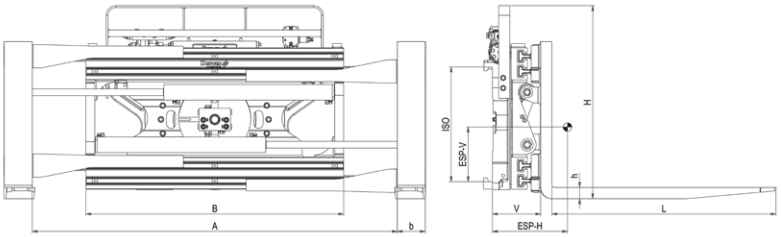
DURWEN Forklift Attachments

Revolving fork clamp 360°

bolt-on forks, constant sideshift

DUZ-S
ISO II/III

The rotating fork clamp DUZ-S is a universal attachment and can be rotated endlessly 360 degrees. The load can be picked up on or between the forks (clamped). In addition, the rotating fork clamp is used for emptying wire mesh boxes, crates and other containers. The attachment has a constant sideshift.



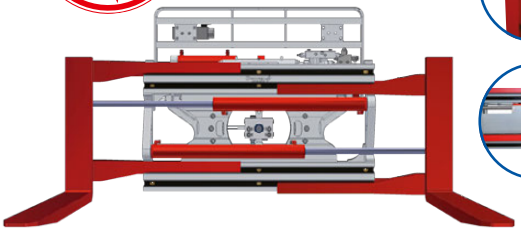
type	lift truck to LC mm	min. carriage mm	capacity on forks kg LC mm	capacity as clamp kg LC mm	ISO	B mm	opening range A ITI mm	forks b x h x L mm	sideshift mm	H mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg
DUZ 15-S	1,5-2,0/500	790 790	1900/500	1400/500	II	980 1050	360-1510 360-1580	100x40x1200		770	235	220 218	220 222	525 535
DUZ 25-S	2,0-2,5/600	900 900 900 900 900	2500/600	1900/500	II	980 1050 1150 1250 1350	310-1460 310-1530 310-1630 310-1730 310-1830	125x50x1200		860	247	220 215 205 204 203	248 250 251 252 253	700 710 725 740 755
DUZ 30-S	3,0/500	900 900 900 900 900	3000/500	2400/500	III	980 1050 1150 1250 1350	310-1460 310-1530 310-1630 310-1730 310-1830	125x50x1200	+/- 100	860	257	220 215 205 204 203	255 256 257 258 260	725 735 750 760 775
DUZ 35-S	3,0/600- 3,5/500	900 900	3500/500	2700/500	III	1150 1350	260-1580 260-1780	150x50x1200		860	267	225 220	250 255	805 835
DUZ 40-S	3,5-4,0/600	980 980 980	4100/500	2900/500	III	1250 1350 1450	250-1660 250-1760 250-1860	150x50x1200		980	289	243 240 230	293 295 296	1050 1065 1085
DUZ 45-S	4,5-5,0/500	980 980 980	4500/600	3500/600	III	1250 1350 1450	250-1660 250-1760 250-1860	150x60x1200		980	299	245 242 230	281 285 289	1125 1145 1165
DUZ 48-S	5,0/600	980	4800/600	3500/600	III	1350	250-1700	150x70x1200		980	309	255	284	1240

- 3 hydraulic functions required
- includes hoses and couplings
- 360° endless rotation
- direct drive due to worm gear

- constant sideshift as standard
- features bolt-on forks as standard
- toe-in on forks as standard
- with pressure relief valve on the clamp function as standard
- with protection strip as standard type SB-DG (does not rotate)
- cylinder protection upon request

- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- Pressure gauge + pressur manually adjustable (up to 160 bar) upon request
- slip-on arms see page 244-245
- foundry/fishing version see page 240-241

DURWEN
Now includes protection strip type SB-DG



bolt-on forks

option: cylinder protection

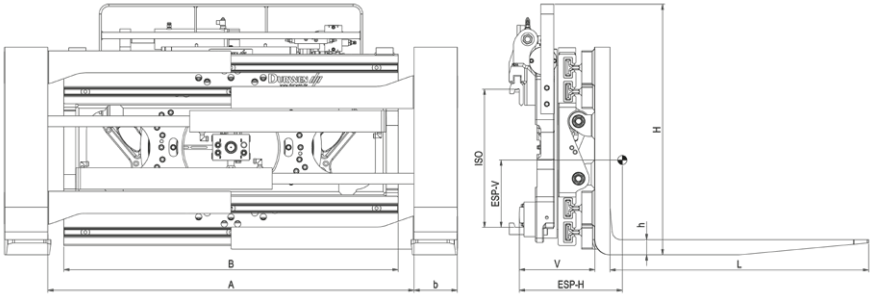
DURWEN Forklift Attachments

Revolving fork clamp 360°

bolt-on forks, constant sideshift

DUZ-S
ISO IV

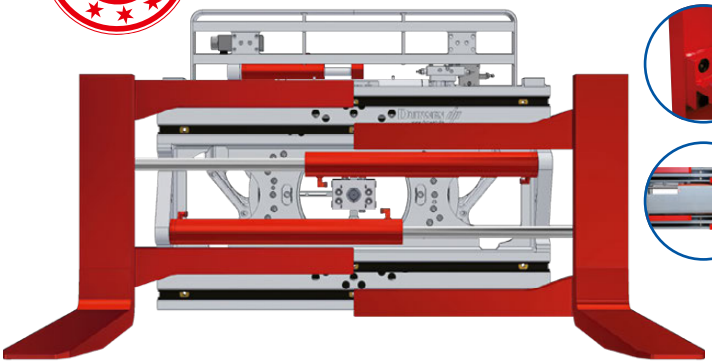
The rotating fork clamp DUZ-S is a universal attachment and can be rotated endlessly 360 degrees. The load can be picked up on or between the forks (clamped). In addition, the rotating fork clamp is used for emptying wire mesh boxes, crates and other containers. The attachment has a constant sideshift.



type	lift truck to LC mm	min. carriage mm	capacity on forks kg LC mm	capacity as clamp kg LC mm	ISO	B mm	opening range A ITI mm	forks b x h x L mm	sideshift mm	H mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert.mm	weight kg
DUZ 50-S	5,0/600	1010 1010 1010	4800/600	3500/600	IV	1250 1350 1450	250-1600 250-1700 250-1800	150x70x1200	+/- 100	1025	327	360 355 350	316 317 318	1350 1375 1400
DUZ 60-S	6,0/600	1100 1100 1100	5700/600	3800/600		1300 1450 1550	250-1650 250-1800 250-1900	150x70x1200		1160	339	355 350 345	310 313 316	1510 1540 1560
DUZ 80-S	7,0-8,0/600	1100	8000/600	4800/600		1550	160-1700	200x70x1200		1160	348	280	341	1860
DUZ 100-S	8,0/900	980	8000/900	7500/600		1550	160-1700	200x80x1200		1145	380	315	286	2160

- 3 hydraulic functions required
- includes hoses and couplings
- 360° endless rotation
- direct drive due to worm gear
- constant sideshift as standard
- features bolt-on forks as standard
- toe-in on forks as standard
- with pressure relief valve on the clamp function as standard
- with protection strip as standard type SB-DG (does not rotate)
- cylinder protection upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- pressure gauge + pressure manually adjustable (up to 160 bar) upon request
- slip-on arms see page 244-245
- foundry/fishing version see page 240-241

DURWEN
Now includes protection strip type SB-DG



bolt-on forks

option: cylinder protection

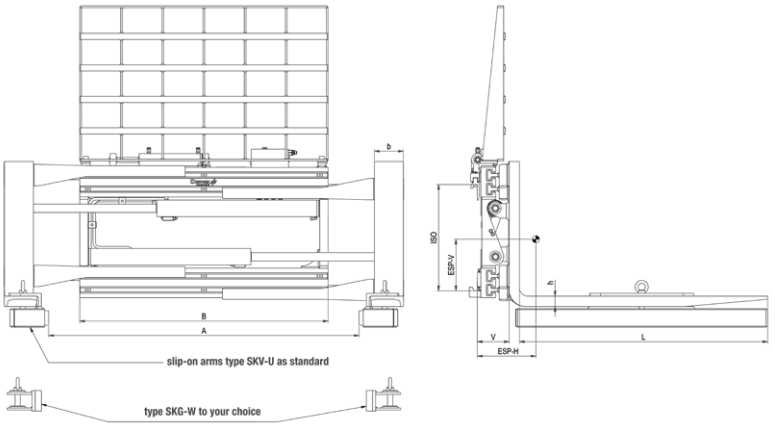
DURWEN Forklift Attachments

Building material clamp

UVP-S

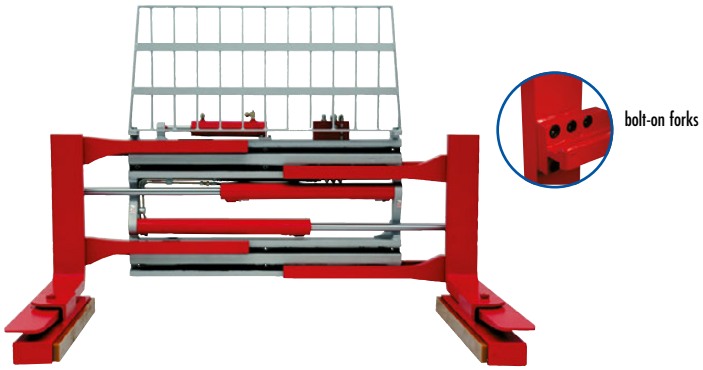
constant sideshift, bolt-on forks

The building material clamp UVP is an ideal attachment for the transport of a variety of building materials. With the articulating slip-on arms, various loads can be picked up quickly and safely without pallets. Also pallet loads can easily be transported with the slip-on arms removed. A robust backrest protects the driver from loose stones falling through the mast.



type	lift truck to LC mm	min. carriage mm	capacity on forks kg LC mm	capacity as clamp kg LC mm	ISO	B mm	opening range A ITI mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert.mm	weight kg
UVP 25-S	2,0-2,5/600	900	2500/600	1900/500	II	1150	170-1490	140x50x1200		148	351	149	633
UVP 30-S	3,0/500	1000	3000/500	2400/500	III	1200	170-1540	140x50x1200		151	335	191	680
UVP 35-S	3,0/600-3,5/500	1050	3500/500	2700/500	III	1200	140-1500	150x50x1200	+/- 100	156	310	217	775
UVP 40-S	3,5/600-5,0/500	1050	4000/500	2900/500	III	1350	140-1650	150x50x1200		166	298	228	840
UVP 45-S	5,0/600	1050	4500/600	3100/500	III	1350	140-1650	150x60x1200		166	313	220	890

- 2 hydraulic functions required
- includes hoses and couplings
- features bolt-on forks as standard
- toe-in on forks as standard
- constant sideshift as standard
- sideshift rollers as standard
- with pressure relief valve on the clamp function as standard
- with slip-on arms type SKV-U as standard, Length 1200 mm, or choose type SKG-W at no extra charge
- solid load backrest as standard, height (ISO type A):
  UVP 25-S = 1350 mm from floor
  UVP 30-S-UVP 45-S = 1450 mm from floor



DURWEN Forklift Attachments

Harbour clamp

PHK
PHK-S

with constant sideshift type PHK-S or with integral sideshift type PHK

The harbour clamp PHK is used for clamping bales and boxes as well as transporting pallets. Specially shaped forks are ideal for picking of densely stacked goods. The clamp valve is built into the frame for protection and all key parts are bolted for rapid replacement. The clamp features excellent visibility.

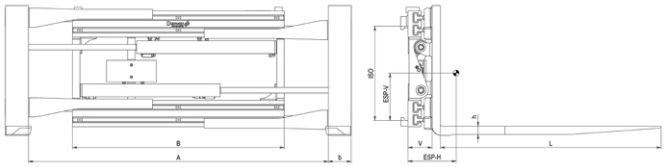


image shows PHK

PHK with integral sideshift															
type	lift truck to LC mm	min. carriage mm	capacity on forks kg LC mm	capacity as clamp kg LC mm	ISO	B mm	opening range A ITI mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert mm	weight kg	moving mass kg
PHK 15	1,0-1,5/500	890	1500/500	1200/500	II	1050	360-1580	100x45x1200	valve	126	166	230	380	212
PHK 20	1,6-2,0/500	890	2000/500	1400/500	II	1050	360-1580	100x45x1200		126	166	230	380	212
PHK 25	2,0-2,5/600	990	2500/600	1600/500	II	1150	310-1630	125x45x1200		131	173	227	435	249
PHK 30	3,0/500	990	3000/500	1600/500	III	1150	310-1630	125x45x1200		131	176	226	440	250
PHK 35	3,0/600-3,5/500	990	3500/500	2200/500	III	1150	260-1580	150x50x1200		136	200	215	490	310
PHK 45	3,5/600-5,0/600	1150	4500/600	2900/500	III	1350	250-1760	150x60x1200		148	181	266	695	436

PHK-S with constant sideshift													
type	lift truck to LC mm	min. carriage mm	capacity on forks kg LC mm	capacity as clamp	ISO	B mm	opening range A ITI mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ ESP hor. mm	ESP vert.mm	weight kg
PHK 15-S	1,0-1,5/500	900	1500/500	1200/500	II	1050	360-1580	100x45x1200	+/- 100	143	215	241	390
PHK 20-S	1,6-2,0/500	900	2000/500	1400/500	II	1050	360-1580	100x45x1200		143	215	239	390
PHK 25-S	2,0-2,5/600	900	2500/600	1600/500	II	1150	310-1630	125x45x1200		147	210	246	445
PHK 30-S	3,0/500	900	3000/500	1600/500	III	1150	310-1630	125x45x1200		147	184	244	450
PHK 35-S	3,0/600-3,5/500	980	3500/500	2200/500	III	1150	260-1580	150x50x1200		153	205	232	515
PHK 45-S	3,5/600-5,0/600	1050	4500/600	2900/500	III	1350	250-1760	150x60x1200		165	173	283	730

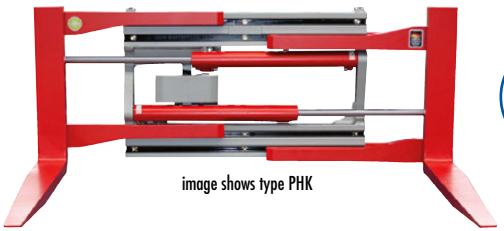


image shows type PHK

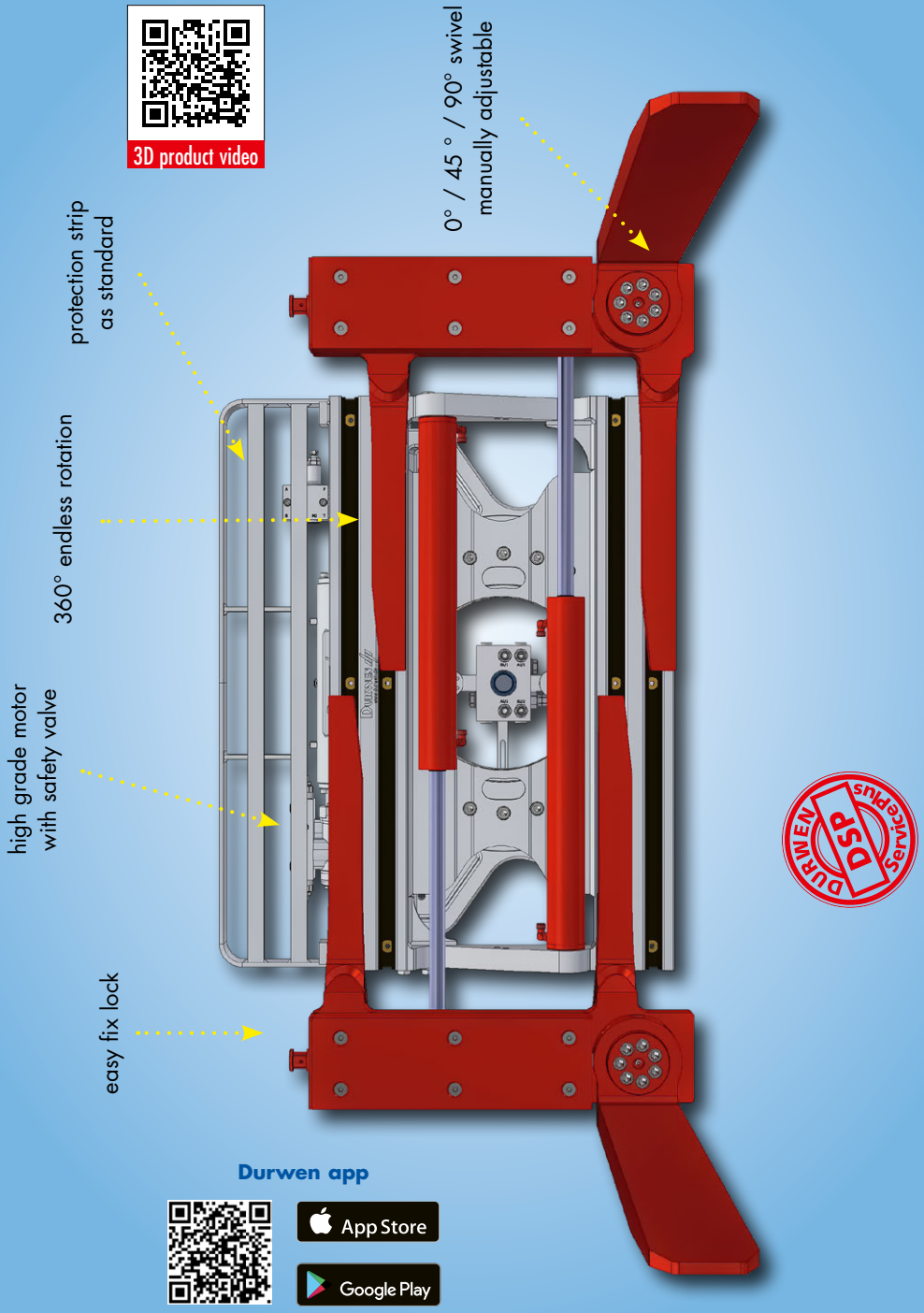
bolt-on forks

- 2 hydraulic functions required
- includes hoses and couplings
- features bolt-on forks as standard
- toe-in on forks as standard
- with pressure relief valve on the clamp function as standard
- type PHK-S features protection strip with constant sideshift

DURWEN Forklift Attachments

Revolving clamp with turnable forks type DDGK

3D product video



DURWEN DSP Service Plus

Durwen app

App Store

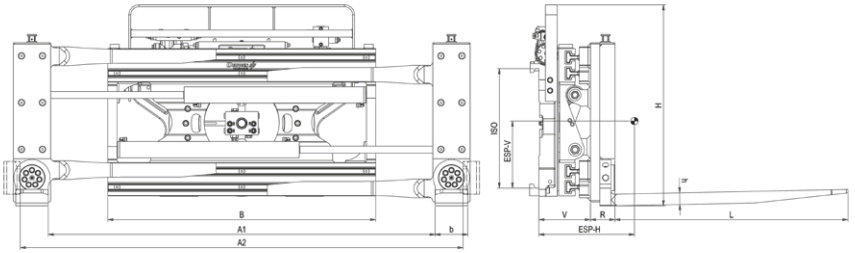
Google Play

Clamp with turnable forks

360° endless rotation, no sideshift

DDGK

The revolving clamp with turnable forks DDGK allows for flexible use of forklift trucks. The fork on this attachment can be converted manually from pallet to clamp position. Loads standing close together can be clamped easily. Pallets can also be handled simply with forks in the normal position. The attachment is not recommended for heavy duty clamp jobs and clamping with forks in the pallet position is not allowed.



type	lift truck to LC mm	min. carriage mm	capacity on forks kg LC mm	capacity as clamp kg LC mm	ISO	B mm	opening range A1 ITI mm	opening range A2 ITI mm	forks b x h x L mm	R mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert mm	weight kg	moving mass kg
DDGK 20	1,5-2,0/500	840	1800/500	1200/500	II	1050 1150	130-1210 315-1675	405-1485 590-1950	125x45x1200	100	188	237 245	198 206	561 575	332 345
DDGK 25	2,0- 2,5/600	950	2300/500	1750/500	II	1050 1150	115-1195 300-1660	395-1475 580-1940	140x50x1200	105	221	247 243	237 239	730 770	511 547
DDGK 30	3,0/500	950	2800/500	2000/500	III	1050 1150 1350	115-1195 300-1660 300-1860	395-1475 580-1940 580-2140	140x50x1200		221	246 238 232	238 237 235	740 775 820	511 547 592

- 2 hydraulic functions required (3 hydraulic functions with constant sideshift)
- includes hoses and couplings
- with pressure relief valve on the clamp function as standard
- with protection strip as standard type SB-DG (does not rotate, height = H, for exact type see page 246)
- forks can be manually set to 0°/45°/90°, clamping only in 90° position
- max. fork length 1600 mm
- mounting ISO A as standard, ISO B upon request
- constant sideshift see page 248
- hydraulic fork turn upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- pressure gauge with hand wheel add (up to 160 bar) upon request
- manual 3 stage pressure relief valve upon request

DURWEN
Now includes protection strip type SB-DG

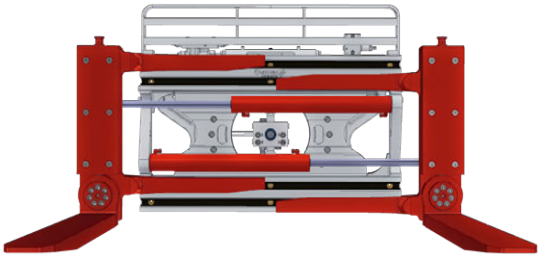


image shows horizontal fork position for pallet handling (option Pressure gauge)

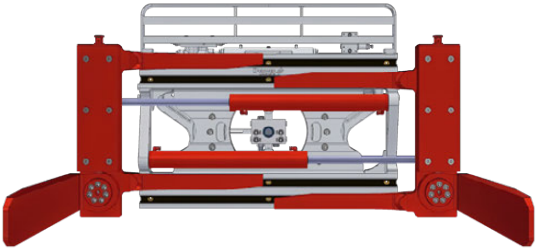


image shows vertical fork position for clamping

DURWEN Forklift Attachments

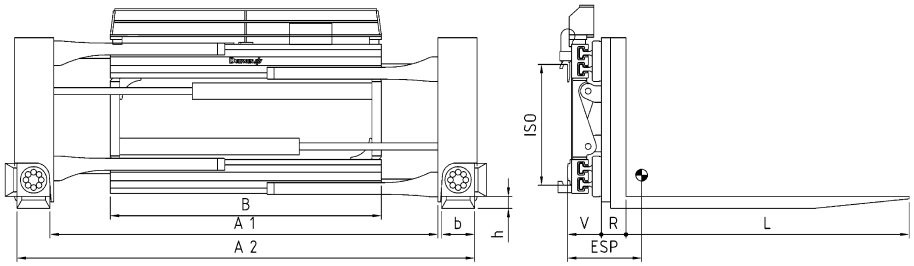
PL 01-2026

Clamp with turnable forks

DGK

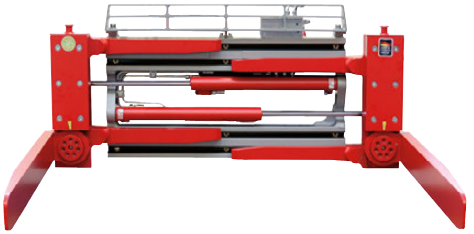
integral sideshift, bolt-on forks

The clamp with turnable forks DGK allows for flexible use of forklift trucks. The fork on this attachment can be converted manually from pallet to clamp position. Loads standing close together can be clamped easily. Pallets can also be handled simply with forks in the normal position. The attachment is not recommended for heavy duty clamp jobs and clamping with forks in the pallet position is not allowed.



type	lift truck to LC mm	min. carriage mm	capacity on forks kg LC mm	capacity as clamp kg LC mm	ISO	B mm	opening range A1 ITI mm	opening range A2 ITI mm	forks b x h x L mm	R mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
DGK 20	1,5-2,0/500	990 990	2000/500	1200/500	II	1050 1150	155-1235 340-1700	405-1485 590-1950	100x45x1200	100	107	212 201	187 190	400 410	250 269
DGK 25	2,0-2,5/600	990 990	2500/600	1750/500	II	1050 1150	130-1210 315-1675	405-1485 590-1950	125x45x1200	105	136	232 221	188 189	500 535	307 332
DGK 30	3,0/500	990 990 1150	3000/500	2000/500	III	1050 1150 1350	115-1195 300-1660 300-1860	395-1475 580-1940 580-2140	140x50x1200			250 238 230	218 222 226	530 545 560	344 369 370

- 2 hydraulic functions required (1 without sideshift)
- includes hoses and couplings
- integral sideshift as standard
- with protection strip as standard (height 150 mm above top edge of unit)
- load backrest type LS-K see page 247
- forks can be manually set to 0°/45°/90°, clamping only in 90° position
- mounting ISO A as standard, ISO B upon request
- max. fork length 1600 mm
- hydraulic fork turn upon request
  one more hydraulic function required, data change, please ask
- pressure gauge with hand wheel upon request
- manual 3 stage pressure relief valve upon request
- if you do not want sideshift notify us on your order



forks vertical for clamping (90° position)

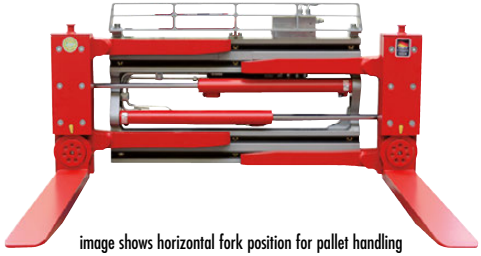


image shows horizontal fork position for pallet handling

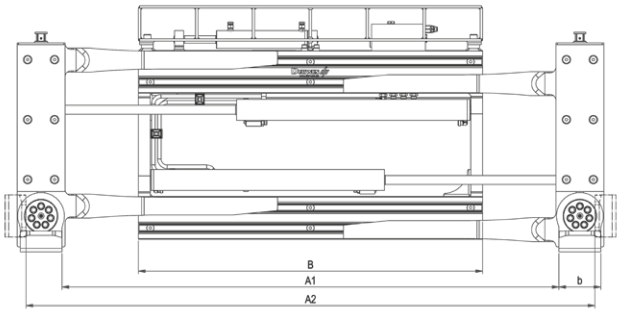
DURWEN Forklift Attachments

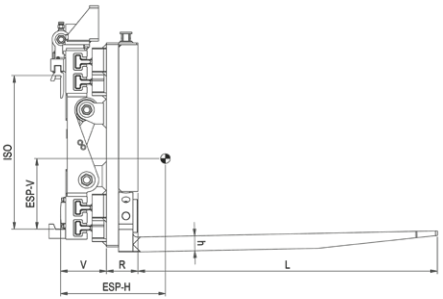
Clamp with turnable forks

DGK-S

constant sideshift, bolt-on forks

The clamp with turnable forks DGK allows for flexible use of forklift trucks. The fork on this attachment can be converted manually from pallet to clamp position. Loads standing close together can be clamped easily. Pallets can also be handled simply with forks in the normal position. The attachment is not recommended for heavy duty clamp jobs and clamping with forks in the pallet position is not allowed.





type	lift truck to LC mm	min. carriage mm	capacity on forks kg LC mm	capacity as clamp kg LC mm	ISO	B mm	opening range A1 ITI mm	opening range A2 ITI mm	forks b x h x L mm	sideshift mm	R mm	V LLC mm	COG/ ESP hor. mm	COG/ESP vert. mm	weight kg
DGK 20-S	1,5-2,0/500	900	2000/500	1200/500	II	1050 1150	155-1235 340-1700	405-1485 590-1950	100x45x1200	+/- 100	100	122	215 210	187 190	395 415
DGK 25-S	2,0-2,5/600	900	2500/600	1750/500	II	1050 1150	130-1210 315-1675	405-1485 590-1950	125x45x1200		105	153	231 225	183 193	515 550
DGK 30-S	3,0/500	900	3000/500	2000/500	III	1050 1150 1350	115-1195 300-1660 300-1860	395-1475 580-1940 580-2140	140x50x1200				252 247 236	222 225 228	545 560 575

- 2 hydraulic functions required
- includes hoses and couplings
- with pressure relief valve on the clamp function as standard
- constant sideshift as standard
- sideshift rollers as standard
- with protection strip as standard (height 150 mm above top edge of unit)
- load backrest type LS-K see page 247
- forks can be manually set to 0°/45°/90°, clamping only in 90° position
- max. fork length 1600 mm
- mounting ISO A as standard, ISO B upon request
- pressure gauge with hand wheel (up to 160 bar) upon request
- manual 3 stage pressure relief valve upon request
- hydraulic fork turn upon request
  one more hydraulic function required, data change, please ask

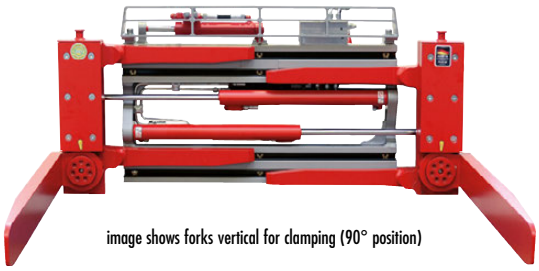


image shows forks vertical for clamping (90° position)

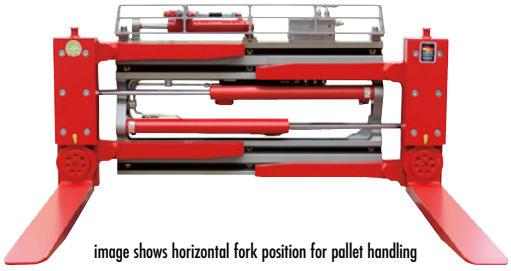


image shows horizontal fork position for pallet handling

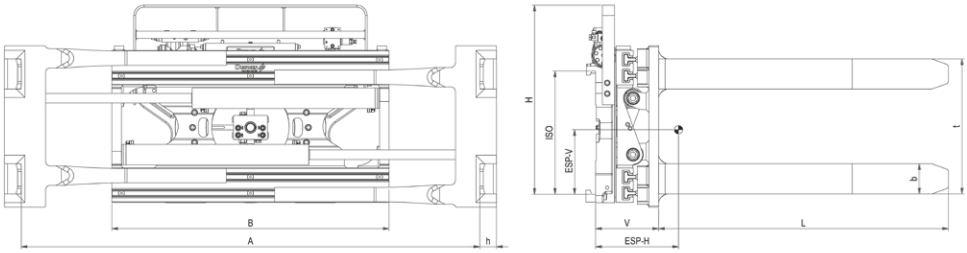
DURWEN Forklift Attachments

Pallet exchanger

PWK

360° total rotation

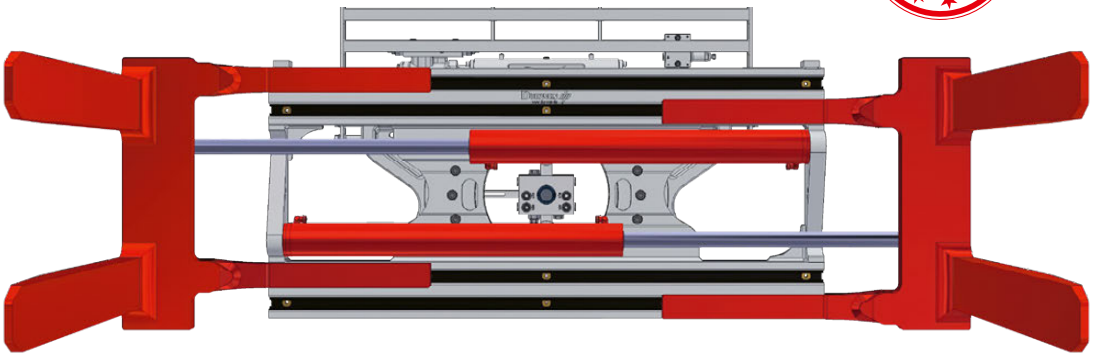
The pallet exchanger PWK is used for clamping loads and rotating them through 180°, allowing the load to be placed on an alternative pallet. Total rotation is 360°. The rotator uses a worm gear system protected against the ingress of dirt and will give a long service life.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A ITI mm	t mm	forks b x h x L mm	H mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
PWK 15	1,0-2,0/500	840	1500/500	II	980	460-1640	560	100x50x1200	694	223	273	250	595	499
PWK 25	2,0-2,5/600	950	2000/500	II	980 1150	540-1650 560-1900		125x50x1200	784	261	292 290	293 281	800 845	580 628
PWK 30	3,0/500	950	2500/500	III	1150 1350	560-1900 560-2100		125x50x1200	784	261	239 244	291 241	850 870	628 630
PWK 35	3,0/600-3,5/500	950	3000/500	III	1350 1450	560-2100 560-2200		150x50x1200	784	261	235 233	239 243	930 945	701 713
PWK 45	3,5/600-5,0/500	1130	3500/500	III	1350 1550	560-2100 560-2300		150x60x1200	904	291	302 297	324 320	1230 1260	880 910

- 2 hydraulic functions required (3 hydraulic functions with constant sideshift)
- includes hoses and couplings
- welded forks as standard
- standard with protection strip type SB-DG (does not rotate, height = H, for exact type see page 246)
- pressure gauge with hand wheel upon request
- constant sideshift see page 248
- side arm upon request

DURWEN
Now includes protection strip type SB-DG



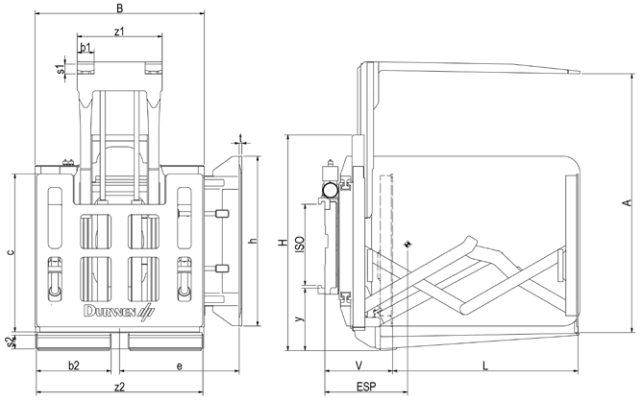
DURWEN Forklift Attachments

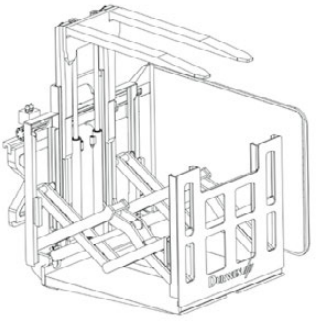
Pallet exchanger

PWK 30-AB-ST-H

rotation, clamping, push-off function, side arm

The pallet exchanger PWK 30 with hydraulic side arm and pusher is used for clamping loads and rotating them through 180°, allowing to load the goods without the pallet. Total rotation is 360°. The rotator uses a worm gear system protected against the ingress of dirt and will give a long service life. The hydraulic side arm provides additional stability to the clamped loads. The pusher pushes the loads off the attachment for palletless loading. The pallet can be removed manually. The unit is suitable for loading bagged or boxed goods. Stainless contact surfaces for the load avoid stain marks on the goods.





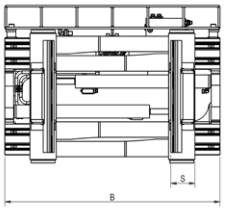
type	forklift capacity to	min. carriage mm	capacity clamp kg/mm LC	capacity side arm kg/mm LC	ISO	A opening range mm ITI	B frame width mm	H frame hight mm	L useable length mm	c pusher height mm	b1 fork width mm	s1 fork thickness mm	z1 fork set spread mm	COG/ESP retracted hor. mm	COG/ESP retracted vert. mm	LLC mm	weight kg
PWK 30-AB-ST-H	3,0	950	1400/600	800/600	III	800-1520	1000	1320	1100	935	100	50	500	473	300	400	1375

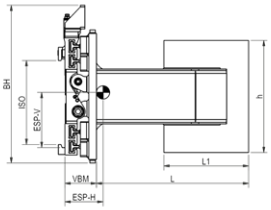
- 2 hydraulic functions required
- 2 electric functions required
- includes pressure relief valve, hoses and couplings
- includes solenoid valves

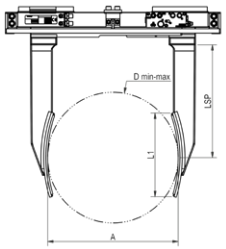
DURWEN Forklift Attachments

Drum clamp

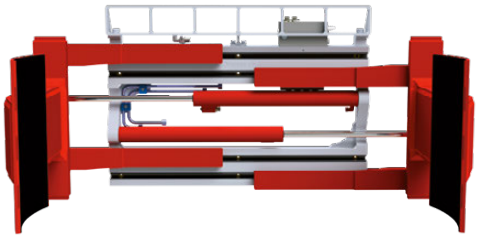
The profile-guided drum clamp type **UFK** and **DFK** are designed for handling of drums without pallets.
Type DFK features 360° rotation and enables sideways emptying of drums. The arms are rubber-coated as standard.



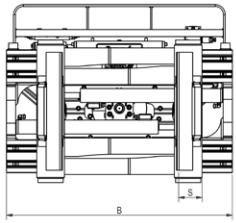


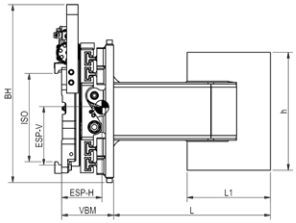


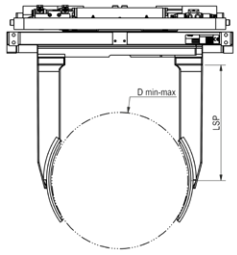
Drum clamp with integral sideshift														
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	for drum diameter A mm	height H mm	length L mm	S mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
UFK 15	1,5-2,0/500	860	1500/500	II	980	550-650	510	680	110	144	165	251	335	209



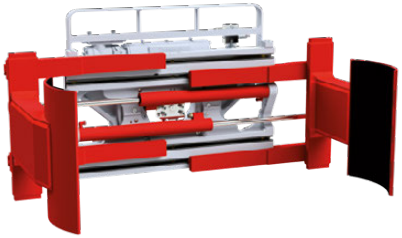
- 2 hydraulic functions required
- includes hoses and couplings
- with pressure relief valve on the clamp function as standard
- cylinder protection upon request
- constant sideshift +/- 100 mm upon request







Revolving drum clamp without sideshift													
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	for drum diameter A mm	height H mm	length L mm	S mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
DFK 15	1,5-2,0/500	840	1500/500	II	980	550-650	510	680	110	225	174	253	500

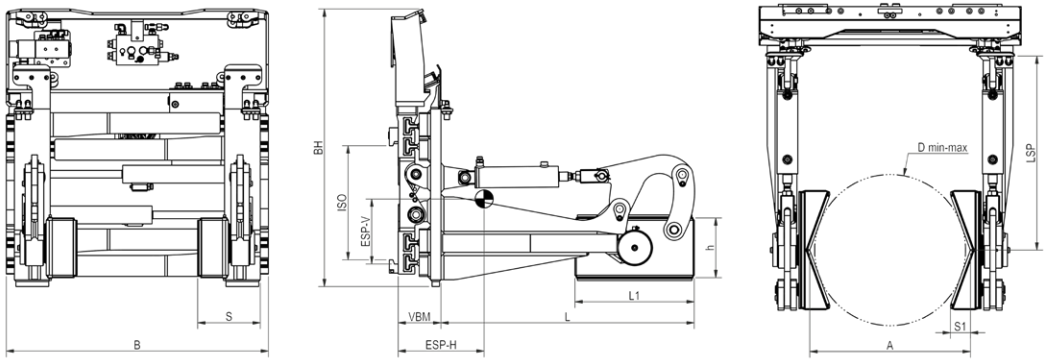


- 2 hydraulic functions required
- includes hoses and couplings
- with pressure relief valve on the clamp function as standard
- 360° revolving as standard
- direct drive due to worm gear
- cylinder protection upon request
- constant sideshift see page 248

Tilting drum clamp with integral sideshift

PFK 90°/180°

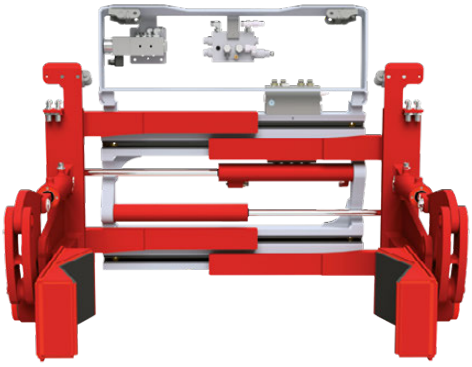
The profile-guided tilting drum clamp type PFK features 90° (PFK 15-90°) or 180° (PFK 15_180°) rotation. The tilting drum clamp is able to empty steel drums and other containers to the front. The unit is equipped with integ-al sideshift. The arms are rubber-coated.



Tilting drum clamp 90°, with integral sideshift														
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	for drum diameter A mm	height H mm	length L mm	S/S1 mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
PFK 15-90°	1,5-2,0/500	720	300/650	II	880	260-800	200	400	210/67	144	288	218	443	317

Tilting drum clamp 180°, with integral sideshift														
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	for drum diameter A mm	height H mm	length L mm	S/S1 mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
PFK 15-180°	1,5-2,0/500	720	300/650	II	880	260-800	200	400	210/67	144	288	217	441	315

- 3 hydraulic functions required
- includes hoses and couplings
- with pressure relief valve on the clamp function as standard
- cylinder protection upon request
- constant sideshift +/- 100 mm upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V – please specify)



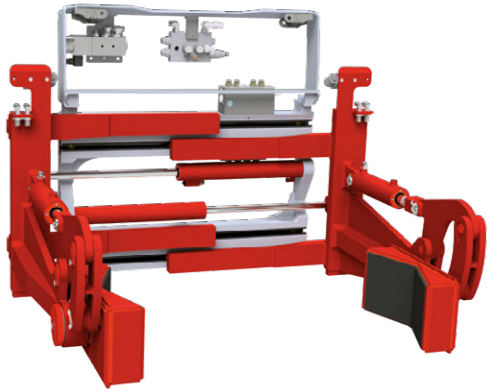


image shows option solenoid valve

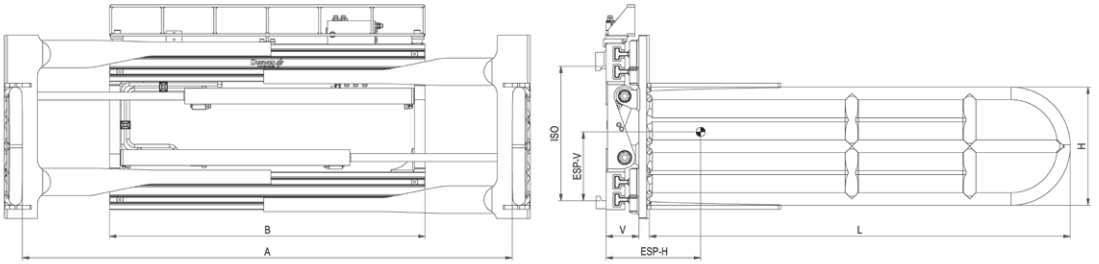
DURWEN Forklift Attachments

Foam clamp

integral sideshift

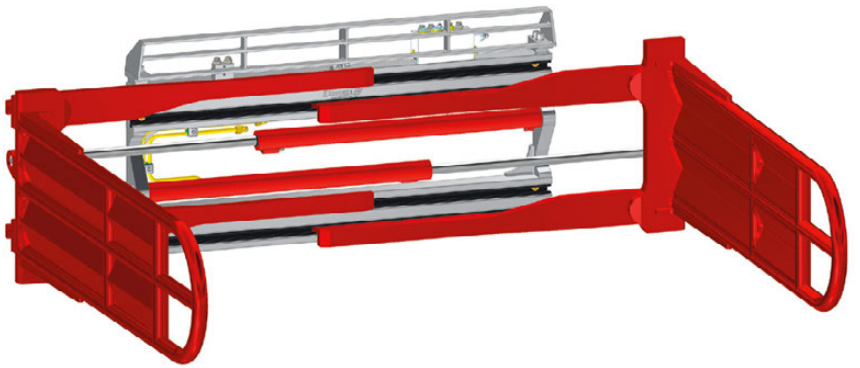
USK

The foam clamp USK is ideal for foam block handling. The tubular arm construction allows for safe and careful handling. The arms are bolted to the double T profile carriers.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A ITI mm	height H mm	length L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
USK 20	1,0-2,0/500	890	800/1000	II	1050	600-1900	450	1600	106	330	250	430	310
		890			1050	600-1900		1800		380	260	440	320
		990			1150	750-2250		1600		320	252	445	315
		990			1150	750-2250		1800		370	262	465	325
		990			1350	850-2480		1600		310	254	480	330
		990			1350	850-2480		1800		360	264	500	340
		990			1550	600-2400		1600		300	256	515	355
		990			1550	600-2400		1800		350	266	530	360
		1050			1650	600-2500		1600		290	258	535	375
		1050			1650	600-2500		1800		340	268	550	380

- 2 hydraulic functions required
- includes hoses and couplings
- with protection strip as standard
- load backrest type LS-K see page 247
- bolt-on arms as standard
- pressure relief valve on clamping as standard
- different arm length upon request
- constant sideshift upon request

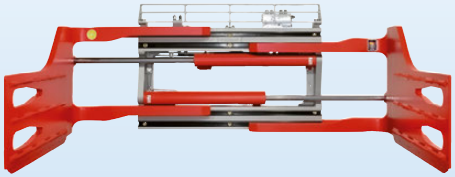


DURWEN Forklift Attachments

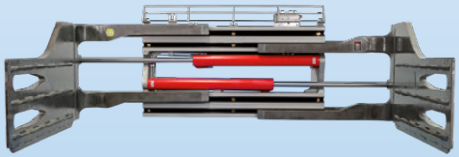
Notes

Bale clamps

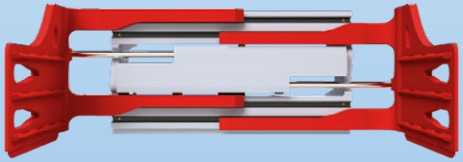
The bale and pulp clamps **PBK, PZK, DPBK** and **PBK-CR** feature a stable profile guided construction and compact design.
The bale clamp type **PBK** is suitable for bales of waste paper, cloth and recycling bales and comes with integral sideshift.
The pulp clamp type **PZK** also features integral sideshift and clear coating for protection of the goods. The revolving bale clamp type **DPBK** has 360° rotation and enables maximum flexibility while the **PBK-CR** as container version with slim arms and integrated wear protection is ideally suited for narrow work spaces.



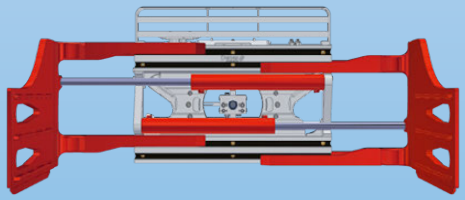
Type PBK, standard bale clamp, integral sideshift



Type PZK, pulp clamp, incl. high-quality clear coating to avoid colour abrasion on load, integral sideshift



Type PBK-CR, container version, complete hydraulics in protected area, no connections on top, integral sideshift



Type DPBK, 360° rotation

DURWEN DSP ServicePlus

Bale clamp type PBK

3D product video

Durwen app

App Store

Google Play

reduced lost load center through patented oil ways

different arm length available

wear strips welded under arms as standard

integral sideshift fitted as standard

excellent visibility

protection strip as standard

stable frame

durable wear parts

optimized engineering development through the FEM analysis method

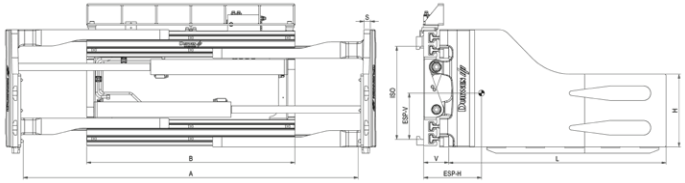
chamfered for easy picking

Bale clamp

integral sideshift

PBK ISO II/III

The bale clamp PBK is made with double T steel profiles. This type of profile supports excellent visibility through the clamp and allows for a reduced lost load centre. The smooth and flush arms allow for dense stacking of bales. An integral sideshift is fitted as standard.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A ITI mm	height H mm	length L mm	S (max)* mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
PBK 20	1,5-2,0/500	860 860 860 860	1650/500	II	980 980 1050 1050	530-1710 520-1700 570-1770 560-1760	350	800 1000 800 1000	30 (92)	106	208 243 205 240	234 226 234 226	387 417 397 427	274 304 274 304
PBK 25	2,0-2,5/600	860 860 860 860 860 860 860	2300/500	II	980 980 1050 1050 1150 1150 1150	520-1700 510-1690 560-1760 550-1750 560-1860 550-1850 590-1940	350	1000 1200 1000 1200 1000 1200 1200	30 (92)	139	236 283 232 283 225 277 272	226 219 227 220 227 221 221	485 515 495 525 515 545 555	322 355 322 355 331 365 376
PBK 30	3,0/500	860 860 890 890 990 990 1150 1150	2700/500	III	980 980 1050 1050 1150 1150 1350 1350	530-1710 520-1700 570-1770 560-1760 570-1870 560-1860 610-2260 600-2250	400	1000 1200 1000 1200 1000 1200 1000 1200	30 (93) 35 (98) 30 (93) 35 (98) 30 (93) 35 (98) 30 (93) 35 (98)	139	249 315 245 309 238 302 224 285	276 264 277 265 278 266 279 267	565 625 580 640 592 659 641 735	375 441 379 439 379 445 389 455
PBK 35	3,0/600- 3,5/500	990 990 1150 1150	3000/500	III	1150 1150 1350 1350	570-1870 560-1860 610-2260 600-2250	450	1000 1200 1000 1200	40 (110)	141	248 304 225 288	297 288 299 290	789 850 852 909	544 605 568 629
PBK 40	3,5-4,0/600	990 990 1150 1150	3200/600	III	1150 1150 1350 1350	560-1860 550-1850 600-2250 590-2240	450	1200 1400 1200 1400	40 (110)	141 151 141 151	304 368 288 349	288 284 290 286	850 949 909 1012	605 705 630 732
PBK 45	4,5-5,0/500	1150 1150 1150 1150 1350	3600/600	III	1350 1350 1550 1550 1750	520-2120 500-2100 600-2450 580-2430 500-2500	450	1200 1600 1200 1600 1600	40 (128)	151	293 397 278 390 392	290 281 291 283 272	929 1056 991 1128 1150	653 781 684 812 815
PBK 48	5,0/600	1150 1150 1350 1350	4200/600	III	1350 1350 1550 1550	540-2120 520-2100 620-2470 600-2450	450	1200 1600 1200 1600	40 (101)	161	287 402 273 381	291 282 292 284	978 1105 1051 1179	695 822 729 857

- 2 hydraulic functions required
- includes hoses and couplings
- wear strips welded under arms as standard
- with protection strip as standard
- load backrest type LS-K see page 247
- cylinder protection upon request (ISO II/III)
- wear strips under frame upon request (ISO II/III)
- constant sideshift upon request

PBK 20 up to 1300 mm long arms
PBK 25 up to 1300 mm long arms
PBK 30 up to 1700 mm long arms
PBK 35 up to 1800 mm long arms
PBK 40, 45, 48 up to 1700 mm long arms
longer arms upon request

* including rebar and pre-tension

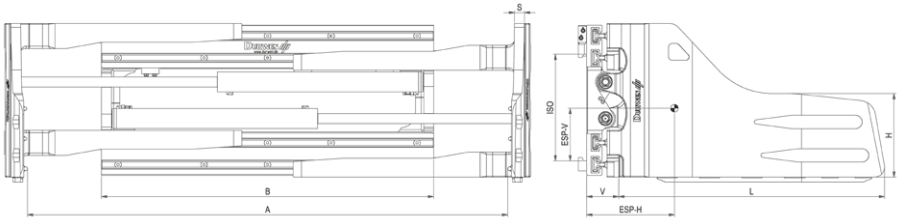
DURWEN Forklift Attachments

Bale clamp

integral sideshift

PBK ISO IV/Pin

The bale clamp PBK is made with double T steel profiles. This type of profile supports excellent visibility through the clamp and allows for a reduced lost load centre. The smooth and flush arms allow for dense stacking of bales. An integral sideshift is fitted as standard.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A ITI mm	height H mm	length L mm	S (max)* mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
PBK 50	5,0/600	1320 1320 1320 1420 1420 1420 1420	4200/600	IV	1450 1450 1450 1550 1550 1650 1650	770-2420 760-2410 750-2400 540-2210 530-2200 580-2390 570-2380	460	1200 1400 1600 1400 1600 1400 1600	40 (118) 40 (123) 45 (128) 40 (123) 45 (128) 40 (123) 45 (128)	141 141 151 141 151 141 151	266 302 388 297 282 293 378	324 318 304 319 305 319 306	1068 1107 1285 1126 1305 1143 1322	710 747 927 747 927 747 927
PBK 60	6,0/600	1600 1600 1600 1600	4000/800	IV	1650 1650 1850 1850	710-2510 700-2500 560-2460 550-2450	460	1400 1600 1400 1600	45 (116)	174	318 367 315 362	314 306 322 314	1380 1450 1410 1478	924 986 924 993
PBK 80	7,0- 8,0/600	1600 1600 1600 1600 1600	5000/800	IV	1650 1650 1850 1850 2100	710-2510 700-2500 560-2460 550-2450 700-3100	500	1400 1600 1400 1600 1600	50 (133)	183	311 356 305 350 345	332 324 332 325 319	1745 1825 1786 1877 2002	1218 1308 1222 1308 1308
PBK 100	8,0/900- 10,0/600	1600 1600 1600 1600	6500/800	IV	2000 2000 2200 2200	740-2910 730-2900 640-3110 630-3100	500	1400 1600 1400 1600	60 (137)	193	307 353 270 340	331 326 335 322	1936 2032 1963 2063	1312 1408 1320 1420
PBK 110	8,0/1100- 12,0/600	1800 1800	8000/800	IV	2400 2400	760-3060 750-3050	500	1400 1600	60 (137)	289	310 340	424 415	2665 2805	1997 2058
PBK 140	14,0/600	-	10000/800	Pin	3200 3200	870-4100 860-4090	550	1400 1600	70	310	318 357	362 355	4363 4483	2255 2376

- 2 hydraulic functions required
- includes hoses and couplings
- wear strips welded under arms as standard
- load backrest type LS-K see page 247
- cylinder protection upon request (ISO IV)
- wear strips under frame upon request (ISO IV)
- constant sideshift upon request
- ISO IV and higher: arms longer than 1700 mm upon request only

* including rebar and pre-tension

option: cylinder protection

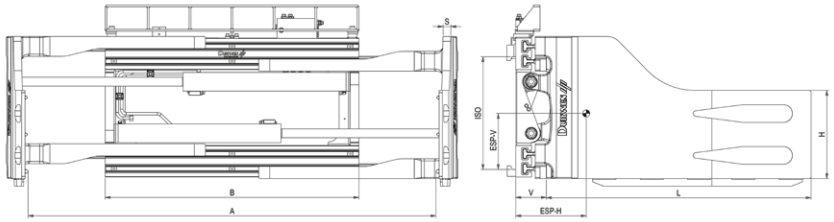
DURWEN Forklift Attachments

Pulp clamp

integral sideshift

PZK ISO II/III

The pulp clamp PZK is made with double T steel profiles. This type of profile supports excellent visibility through the clamp and allows for a reduced lost load centre. The smooth arms are low marking coated as standard. The clamp suits the needs for proper pulp handling.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A ITI mm	height H mm	length L mm	S (max)* mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
PZK 20	1,5-2,0/500	860	1650/500	II	980	530-1710	350	800	30 (92)	106	208	234	387	274
		860			980	520-1700		1000			243	226	417	304
		860			1050	570-1770		800			205	234	397	274
		860			1050	560-1760		1000			240	226	427	304
PZK 25	2,0-2,5/600	860	2300/500	II	980	520-1700	350	1000	30 (92)	138	236	226	485	322
		860			980	510-1690		1200			283	219	515	355
		860			1050	560-1760		1000			232	227	495	322
		860			1050	550-1750		1200			283	220	525	355
		860			1150	560-1860		1000			225	227	515	331
		860			1150	550-1850		1200			277	221	545	365
PZK 30	3,0/500	860	2700/500	III	980	530-1710	400	1000	30 (93)	139	249	276	555	375
		860			980	520-1700		1200	35 (98)		315	264	621	441
		890			1050	570-1770		1000	30 (93)		245	276	580	379
		890			1050	560-1760		1200	35 (98)		309	265	640	439
		990			1150	570-1870		1000	30 (93)		238	278	592	379
		990			1150	560-1860		1200	35 (98)		302	266	659	445
		1150			1350	610-2260		1000	30 (93)		224	279	641	410
		1150			1350	600-2250		1200	35 (98)		285	267	735	476
PZK 35	3,0/600-3,5/500	990	3000/500	III	1150	570-1870	450	1000	40 (110)	141	248	297	789	544
		990			1150	560-1860		1200			304	288	850	605
		1150			1350	610-2260		1000			225	299	852	568
		1150			1350	600-2250		1200			288	290	909	629
PZK 40	3,5/600-4,0/500	990	3200/600	III	1150	560-1860	450	1200	40 (110)	141	304	288	850	605
		990			1150	550-1850		1400		151	368	284	949	705
		1150			1350	600-2250		1200		141	288	290	909	630
		1150			1350	590-2240		1400		151	349	286	1012	732
PZK 45	4,0/600-5,0/500	1150	3600/600	III	1350	520-2120	450	1200	40 (116)	151	293	290	929	653
		1150			1350	500-2100		1600			397	281	1056	781
		1150			1550	600-2450		1200			278	291	991	684
		1150			1550	580-2430		1600			390	283	1128	812
PZK 48	5,0/600	1150	4200/600	III	1350	540-2120	450	1200	40 (125)	161	287	291	978	695
		1150			1350	520-2100		1600			402	282	1105	822
		1350			1550	620-2470		1200			273	292	1051	729
		1350			1550	600-2450		1600			381	284	1179	857

- 2 hydraulic functions required
- includes hoses and couplings
- wear strips welded under arms as standard
- with protection strip as standard
- load backrest type LS-K see page 247
- cylinder protection upon request (ISO II/III)
- wear strips under frame upon request (ISO II/III)
- constant sideshift upon request

PZK 20 up to 1300 mm long arms
PZK 25 up to 1300 mm long arms
PZK 30 up to 1700 mm long arms
PZK 35 up to 1800 mm long arms
PZK 40, 45, 48 up to 1700 mm long arms

- longer arms upon request

* including rebar and pre-tension

The capacity of the pulp clamp depends on the required clamp force.
For this reason, the load-bearing capacity of the pulp clamp is related to the clamp force and not to the load centre.
The load capacity is identical for the load centres 500 mm and 600 mm.

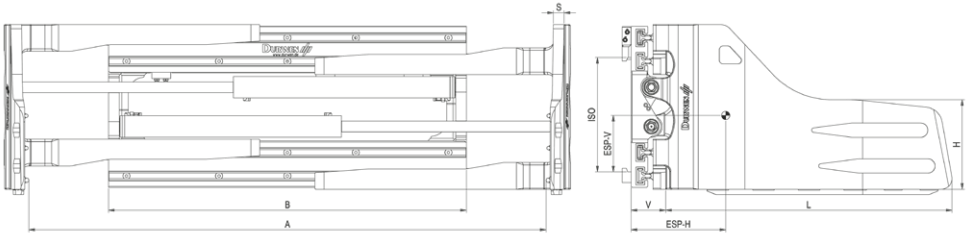
DURWEN Forklift Attachments

Pulp clamp

integral sideshift

PZK
ISO IV/Pin

The pulp clamp PZK is made with double T steel profiles. This type of profile supports excellent visibility through the clamp and allows for a reduced lost load centre. The smooth arms are low marking coated as standard. The clamp suits the needs for proper pulp handling.

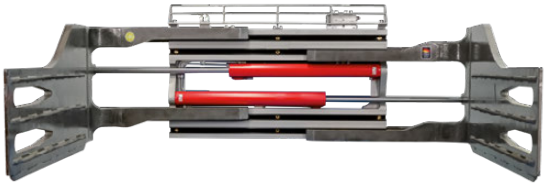


type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A ITI mm	height H mm	length L mm	S (max)* mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
PZK 50	5,0/600	1320 1320 1320 1420 1420 1420 1420	4200/600	IV	1450 1450 1450 1550 1550 1650 1650	770-2420 760-2410 750-2400 540-2210 530-2200 580-2390 570-2380	460	1200 1400 1600 1400 1600 1400 1600	40 40 45 40 45 40 45	141 141 151 141 151 141 151	266 302 388 297 382 293 378	324 318 304 319 305 319 306	1068 1107 1285 1126 1305 1143 1322	710 747 927 747 927 747 927
PZK 60	6,0/600	1600 1600 1600 1600	4000/800	IV	1650 1650 1850 1850	710-2510 700-2500 560-2460 550-2450	460	1400 1600 1400 1600	45	174	318 367 315 362	314 306 322 314	1380 1450 1410 1478	924 986 924 993
PZK 80	7,0- 8,0/600	1600 1600 1800 1800 1800	5000/800	IV	1650 1650 1850 1850 2100	710-2510 700-2500 560-2460 550-2450 700-3100	500	1400 1600 1400 1600 1600	50	183	311 356 305 350 345	332 324 332 325 319	1745 1825 1786 1877 2002	1218 1308 1222 1308 1308
PZK 100	8,0/900- 10,0/600	1600 1600 1600 1600	6500/800	IV	2000 2000 2400 2400	740-2910 730-2900 640-3110 630-3100	500	1400 1600 1400 1600	60	193	307 353 275 348	331 326 341 326	1936 2032 1963 2063	1312 1408 1320 1420
PZK 110	8,0/1100- 12,0/600	1800 1800	8000/800	IV	2400	760-3060 750-3050	500	1400 1600	60	289	310 340	424 415	2665 2805	1997 2058
PZK 140	14,0/600	-	10000/800	Pin	3200	870-4100 860-4090	550	1400 1600	70	310	318 357	362 355	4363 4483	2255 2376

- 2 hydraulic functions required
- includes hoses and couplings
- wear strips welded under arms as standard
- load backrest type LS-K see page 247
- cylinder protection upon request (ISO IV)
- wear strips under frame upon request (ISO IV)
- constant sideshift upon request
- arms longer than 1700 mm upon request only

* including rebar and pre-tension

The capacity of the pulp clamp depends on the required clamp force. For this reason, the load bearing capacity of the pulp clamp is related to the clamp force and not to the load centre. The load capacity is identical for the load centres 500 mm and 600 mm.



option: cylinder protection

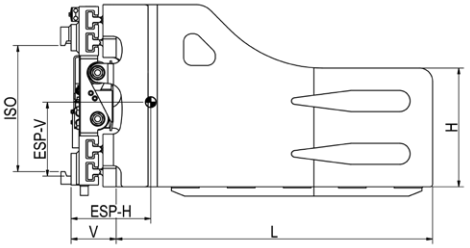
DURWEN Forklift Attachments

Container bale clamp

PBK-CR

container version, integral sideshift

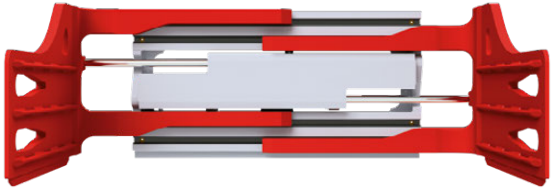
The bale clamp PBK-CR features a cleared frame top and wear protections under frame and under arms. The hydraulic cylinders are covered by a cylinder protection as standard. It is ideal for loading and unloading containers. Frame and arms are wear protected.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A ITI mm	height H mm	length L mm	S (max)* mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
PBK 30-CR	3,0/500	860	2700/500	III	980	530-1710	400	1000	35 (66)	169	260	264	620	390
		860			980	520-1700		1200	35 (71)		330	259	660	410
		890			1050	570-1770		1000	35 (66)		255	266	630	399
		890			1050	560-1760		1200	35 (71)		325	260	670	419
		990			1150	570-1870		1000	35 (66)		250	268	650	405
		990			1150	560-1860		1200	35 (71)		320	261	690	425
		1150			1350	610-2260		1000	35 (66)		240	269	690	436
		1150			1350	600-2250		1200	35 (71)		310	262	730	456
PBK 35-CR	3,0/600-3,5/500	990	3000/500		1150	570-1870	450	1000	40 (70)	171	240	288	865	565
		990			1150	560-1860		1200	40 (75)		310	283	900	585
		1150			1350	610-2260		1000	40 (70)		235	291	910	589
		1150			1350	600-2250		1200	40 (75)		305	285	945	609
PBK 40-CR	3,5-4,0/600	1150	3200/600		1350	600-2250	450	1200	40 (75)	181	295	285	965	609
		1150			1350	590-2240		1400	40 (85)		355	282	1015	639
		1150			1450	600-2350		1200	40 (75)		290	280	990	612
		1150			1450	590-2340		1400	40 (85)		350	278	1040	641
PBK 45-CR	4,5/600-5,0/500	1150	3600/600		1350	520-2120	450	1200	45 (80)	181	315	294	998	651
		1150			1350	500-2100		1600	45 (95)		420	284	1145	771
		1150			1550	520-2320		1200	45 (80)		310	354	1020	685
		1150			1550	500-2300		1600	45 (95)		415	344	1170	805
PBK 48-CR	5,0/600	1150	4200/600		1350	520-2120	450	1200	45 (85)	191	290	289	1040	671
		1150			1350	500-2100		1600	45 (100)		410	279	1170	791
		1150			1550	520-2320		1200	45 (85)		285	349	1110	705
		1150			1550	500-2300		1600	45 (100)		405	339	1240	825

- 2 hydraulic functions required
- includes hoses and couplings
- wear strips welded under arms and frame as standard
- cylinder protection as standard
- longer arms upon request

* approx. including rebar and pre-tension



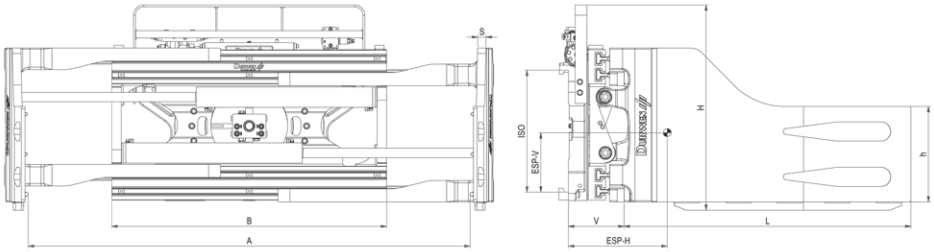
DURWEN Forklift Attachments

Revolving bale clamp

360° rotation

DPBK

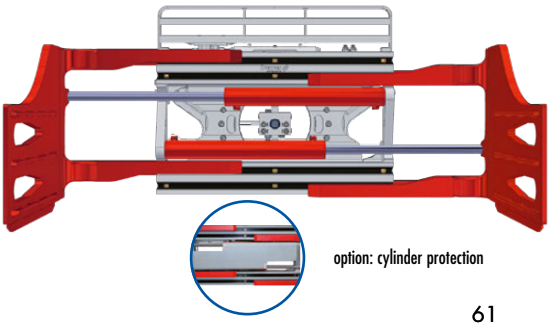
The revolving bale clamp DPBK is made with double T profile guides. This type of profile supports excellent visibility through the clamp. The smooth and flush arms allow for dense stacking of bales. Due to the combined 360° direct drive rotator it can also turn clamped bales e.g. for feeding production lines.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A ITI mm	height H mm	length L mm	S (max)* mm	H mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg	moving mass kg
DPBK 20	1,5-2,0/500	840	1500/500	II	1050	520-1770	350	1000	30 (92)	770	198	250	235	610	462
DPBK 25	2,0-2,5/600	950 950	2000/500	II	1050 1150	560-1760 600-1950	400	1000	30 (92)	860	223	249 245	279 275	776 809	542 573
DPBK 30	3,0/500	950 950 950 950	2200/500	III	1150 1150 1350 1350	570-1870 560-1860 530-2130 520-2120	400	1000 1200 1000 1200	35 (98)	860	223	253 299 254 294	278 271 278 272	843 888 868 913	604 649 629 674
DPBK 35	3,0/600- 3,5/500	950 950	2500/500	III	1150 1350	560-1860 520-2120	450	1200	40 (110)	860	233	323 313	265 265	927 972	693 734
DPBK 40	3,5-4,0/600	1130	2900/500	III	1350	600-2250	450	1200	40 (110)	980	263	298	305	1268	905
DPBK 45	4,5-5,0/500	1130	3500/500	III	1350	520-2100	450	1200	40 (116)	980	263	304	305	1289	927
DPBK 50	5,0/600	1150	3500/600	IV	1350	590-2100	460	1200	40 (116)	1025	253	298	317	1397	1028
DPBK 60	6,0/600	1120	4200/600	IV	1350	590-2100	460	1200	40 (116)	1160	256	280	341	1505	1320
DPBK 80	7,0-8,0/600	1120	4000/800	IV	1550	550-2150	500	1600	50 (133)	1160	298	393	337	2168	1680
DPBK 100	8,0/900	1120	5000/800	IV	1650	700-2500	500	1600	50 (137)	1145	320	400	344	2445	1913

- 2 hydraulic functions required
  (3 hydraulic functions with constant sideshift)
- includes hoses and couplings
- wear strips welded under arms as standard
- standard with protection strip type SB-DG
  (does not rotate, height = H, for exact type see page 246)
- cylinder protection upon request ISO II/III/IV upon request
- wear strips under frame ISO II/III/ISO IV upon request
- constant sideshift see page 248
- other arm lengths upon request

* including rebar and pre-tension



option: cylinder protection

DURWEN
Now includes protection strip type SB-DG

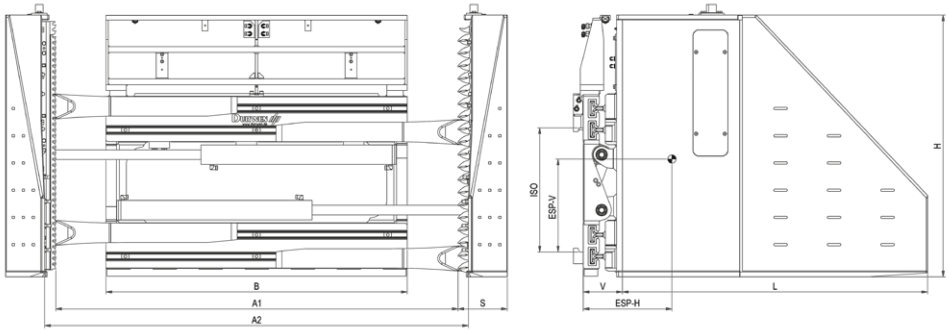
DURWEN Forklift Attachments

Dewiring clamp

SPBK

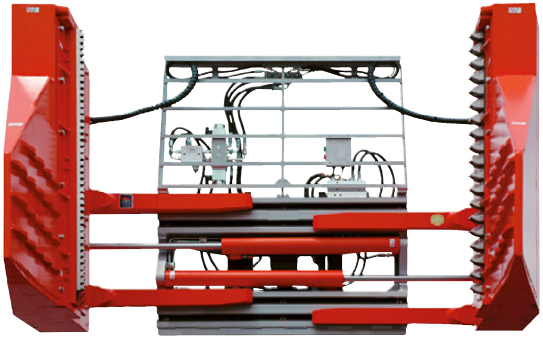
integral sideshift

The dewiring clamp SPBK is profile-guided and offers a stable design at compact dimensions. The unit is used for palettless handling of waste paper, cloth, cellulose and recycling bales. The dewiring clamp features integral sideshift and wear zones below the arms as standard. Additionally, the wire of the bales can be cut by the SPBK. After opening of the gripper unit, the bale material drops into the suitable container while the wire scraps stay inside the gripper unit for proper disposal.



type	lift truck to LC mm LSP mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range blade/gripper A1 ITI mm	opening range arms A2 ITI mm	height H mm	length L mm	S mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg	moving mass kg
SPBK 25	1,5-2,5/600	890	1200/650	II	1050	430-1630	490-1690	1345	1300	257	166	460	475	1530	1350
SPBK 35	3,0-3,5/600	990	2000/650	III	1150	430-1730	490-1790				183	453	467	1590	1350
SPBK 48	4,0-5,0/600	1150	2500/650	III	1550	430-2130	490-2190				198	420	465	1690	1380
SPBK 50	5,0/600	1420	3000/650	IV	1550	430-2130	490-2190				198	410	470	1790	1430
SPBK 60	5,0-6,0/600	1450	2100/1000	IV	1550	340-2070	385-2115		1600		201	481	496	2240	1700

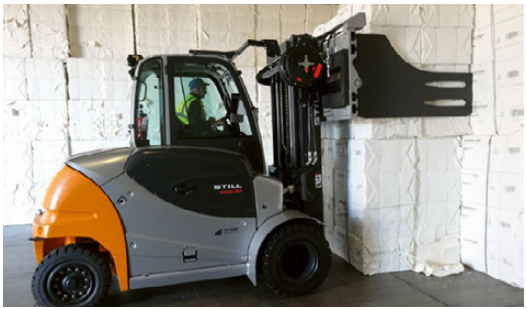
- 2 hydraulic and 2 electric functions required
- includes hoses and couplings
- arms welded
- inside of arms equipped with 4 shark teeth profiles each
- with pressure relief valve on the clamp function as standard
- load backrest with integrated hose guide as standard:
  SPBK 25: height 1190 mm above ground, SPBK 35-48: height 1182 mm above ground,
  SPBK 50-60: height 1345 mm above ground
- wear strips welded under arms as standard
- wear strips below frame as standard
- includes 8/3 solenoid valve
- inside of right arm with blade (in driving direction right)
- inside of left arm with wire gripper (in driving direction left)



3D product video

DURWEN Forklift Attachments

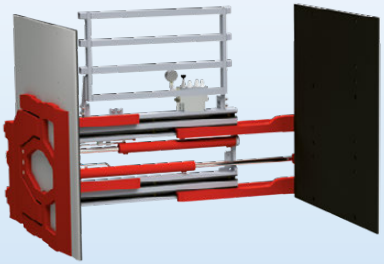
Impressions of Durwen clamps



DURWEN
Forklift Attachments

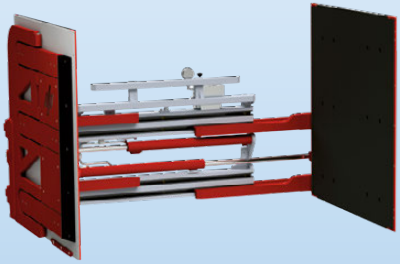
Carton clamp/appliance clamp

The carton clamp or appliance clamp enables handling of packaged goods (brown or white goods e.g. TVs, washing machines, refrigerators) without pallets. Via the extensive, rubber-coated arms the clamping force is applied gently to the load. Clamps with articulating arms provide an even more gentle distribution of clamp force than the clamps with rigid arms. Articulating arms are ideal for high volume handling operations. Good visibility and slim arm designs enable for smooth handling and efficient operation. Further various force control options as well as PLC automated force adjustment optional available.



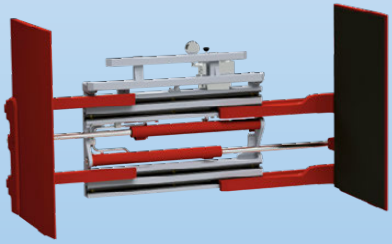
KKP

The type KKP features articulating arms which means that the contact plates are moveably mounted. This design offers advantages for the clamp force distribution along the contact plate. Via the articulating movement the force is distributed optimally from front to back. This type is always used when a larger number of cartons is to be handled as it enables the complete load to be held efficiently.



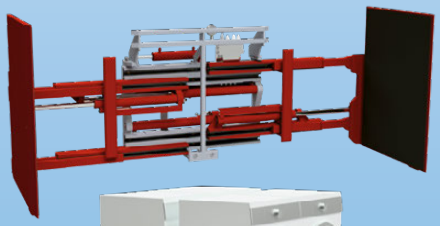
KHG

The type KHG can be recommended for household appliances and very sensitive goods. The arm design allows enhanced multi-directional adjustment of the articulating contact plates. Thus, making it the ideal choice for handling of very sensitive goods in intense high-volume operations. Further it can be combined with various force control options as well as PLC automated force adjustment.



KKS

The type KKS is a clamp with rigid arms. The clamp arms consist of the slim contact plate coated with particularly good grip rubber. The compact design enables clamping of narrowly stored goods and is therefore ideal in application with limited space as well as for loading of trucks.



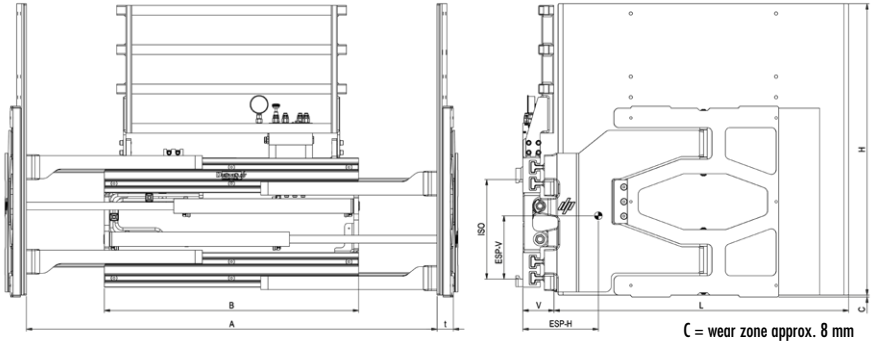
KKS T-S

The type KKS T-S is a carton clamp with double telescopic arm carriers and constant sideshift. This design enables an extensive opening range at a small frame width. This type is ideal for truck and container loading. The handling of single carton is possible as well as the handling of large quantities

Carton clamp, articulating arms

integral sideshift

KKP
ISO II/III



C = wear zone approx. 8 mm

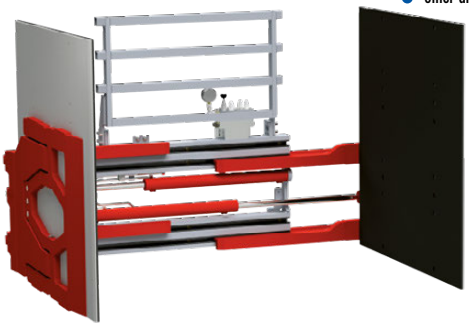
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A ITI mm	arm height H mm	arm length* L mm	arm thickness T mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
KKP 14	2,0-2,5/600	860	1350/600	II	980	430-1660	1200	780	50	124	426	332	492	336
		860						1020			349	339	561	404
		860						1220			426	346	621	464
		860						1320			465	351	650	495
KKP 16	2,5-3,0/600	860	1600/600	II*	980	430-1660	1200	1020	50	129	350	338	585	435
		860			980	430-1660		1220			424	344	650	500
		860			980	430-1660		1370			499	346	715	565
		890			1050	405-1695		1020			339	333	599	440
		890			1050	405-1695		1220			413	339	661	501
		890			1050	405-1695		1370			487	341	720	560
		990			1350	540-2245		1020			319	329	644	449
		990			1350	540-2245		1220			393	335	706	511
		990			1350	540-2245		1370			467	338	765	570
KKP 18	2,5-3,0/600	860	1800/600	II/III	980	450-1670	1200	1020	50	138	370	352	740	537
		860			980	450-1670		1220			420	358	784	608
		860			980	450-1670		1380			482	360	821	658
		890			1050	410-1670		1020			365	346	750	540
		890			1050	410-1670		1220			415	352	794	611
		890			1050	410-1670		1380			478	354	831	661
		990			1550	490-2320		1020			332	332	789	550
		990			1550	490-2320		1220			388	343	853	621
		990			1550	490-2320		1380			445	350	896	671

- 2 hydraulic functions required
- includes hoses and couplings
- pressure gauge as standard
- with pressure relief valve on the clampfunction as standard

- with protection strip as standard
- RiGu black as standard surface
- other surfaces see page 252
- clamp force options see page 249
- other arm dimensions upon request

- constant sideshift upon request
- ISO type B mounting upon request
- * arm length equals the usable length from the arm tip to the load contact on the clamp body, contact plate length - 20 mm

* ISO III upon request

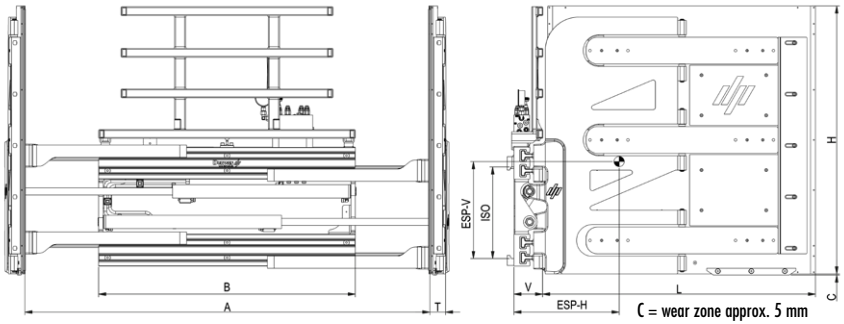


DURWEN Forklift Attachments

Appliance clamp, articulating arms

KHG ISO II

integral sideshift, with vertical and horizontal adjustable arms



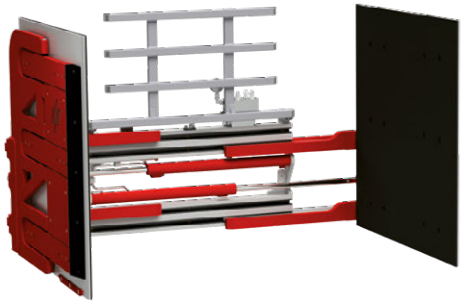
C = wear zone approx. 5 mm

type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A ITI mm	arm height H mm	arm length* L mm	arm thickness T mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
KHG 11	1,5-1,8/500	795	1050/600	II	880	360-1400	1000	1220	60	129	425	358	675	534
		795			880	360-1400	1200	1220			450	426	715	586
		890			1050	430-1720	1000	1220			415	353	695	534
		890			1050	430-1720	1200	1220			445	422	735	586
		890			1050	430-1720	1200	1380			490	430	805	650
		900			1150	430-1820	1200	1220			440	420	755	586
		900			1150	430-1820	1200	1380			465	429	820	650
		1040			1250	430-1920	1200	1220			435	418	765	586
		1040			1250	430-1920	1200	1380			475	427	835	650
		1100			1550	560-2440	1200	1220			415	410	805	602
		1100			1550	560-2440	1200	1380			445	420	875	650
KHG 14	2,0-2,5/600	890	1350/600	II	1050	430-1720	1000	1220	60	129	415	351	700	534
		890			1050	430-1720	1200	1220			445	427	740	586
		890			1050	430-1720	1200	1380			490	429	810	650
		900			1150	430-1820	1200	1220			440	424	760	586
		900			1150	430-1820	1200	1380			465	426	825	650
		990			1350	430-2020	1200	1220			430	422	790	586
		990			1350	430-2020	1200	1380			455	423	850	650
		1100			1550	430-2220	1200	1220			425	420	805	602
		1100			1550	430-2220	1200	1380			445	422	875	650
		1100			1550	560-2420	1200	1220			425	418	810	615
		1100			1550	560-2420	1200	1380			445	421	880	670

- 2 hydraulic functions required
- includes hoses and couplings
- pressure gauge as standard
- with pressure relief valve on the clampfunction as standard
- with protection strip as standard
- RiGu black as standard surface

- other surfaces see page 252
- clamp force options see page 249
- other arm dimensions upon request
- constant sideshift upon request
- ISO type B mounting upon request

* arm length equals the usable length from the arm tip to the load contact on the clamp body, contact plate length - 20 mm

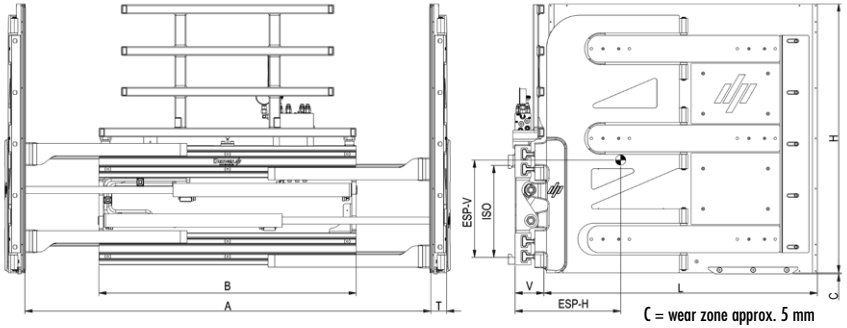


DURWEN Forklift Attachments

Appliance clamp, articulating arms

integral sideshift, with vertical and horizontal adjustable arms

KHG ISO II/III



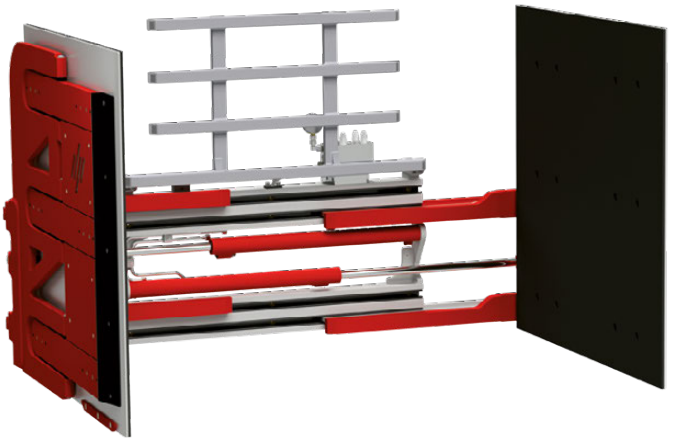
C = wear zone approx. 5 mm

type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A ITI mm	arm height H mm	arm length* L mm	arm thickness T mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
KHG 16	2,5-3,0/600	990	1600/600	II/III	1350	430-2020	1200	1220	65	138	450	429	925	659
		990			1350	560-2210		1220			450	427	930	661
		890			1450	430-2120		1220			440	425	940	659
		890			1450	430-2120		1380			460	428	995	726
		890			1450	560-2310		1220			440	427	945	661
		890			1450	560-2310		1380			460	430	1000	731
		1100			1550	430-2220		1220			435	425	950	659
		1100			1550	430-2220		1380			455	427	1010	726
		1100			1550	560-2410		1220			435	426	955	661
		1100			1550	560-2410		1380			455	429	1015	731
		980			1750	430-2420		1220			430	420	980	659
		980			1750	430-2420		1380			450	422	1040	726
		980			1750	560-2610		1220			430	421	985	661
		980			1750	560-2610		1380			450	424	1045	731

- 2 hydraulic functions required
- includes hoses and couplings
- pressure gauge as standard
- with pressure relief valve on the clampfunction as standard
- with protection strip as standard
- RiGu black as standard surface

- other surfaces see page 252
- clamp force options see page 249
- other arm dimensions upon request
- constant sideshift upon request
- ISO type B mounting upon request

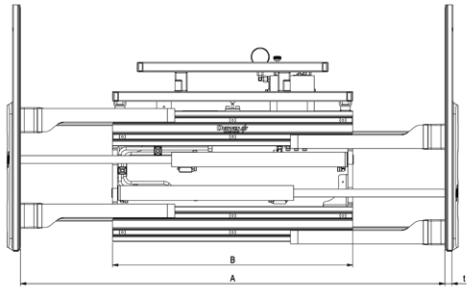
* arm length equals the usable length from the arm tip to the load contact on the clamp body, contact plate length - 20 mm

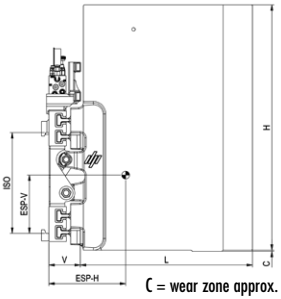


DURWEN Forklift Attachments

Carton clamp, rigid arms

integral sideshift

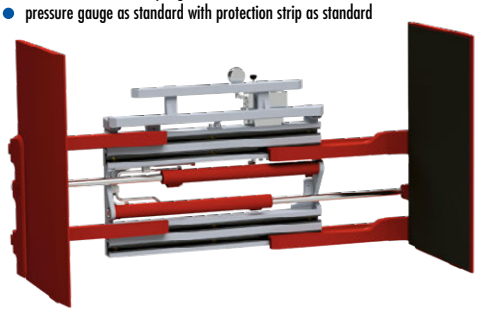




C = wear zone approx. 8 mm

type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A ITI mm	arm height H mm	arm length* L mm	arm thickness T mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg	moving mass kg
KKS 08	1,0-1,5/500	795	750/500	II	880	400-1430	1000	700	28	124	260	352	445	314
		795			880	400-1430		800			270	361	465	344
		860			980	400-1520		700			265	350	465	314
		860			980	400-1520		800			275	359	475	344
		860			980	500-1720		700			260	349	470	314
		860			980	500-1720		800			280	357	480	344
KKS 11	1,5-1,8/500	860	1050/500	II	980	340-1400	1000	700	28	129	275	336	470	317
		860			980	340-1400		800			285	347	480	347
		860			980	400-1520		700			270	335	475	317
		860			980	400-1520		800			280	345	485	347
		860			980	500-1720		700			270	334	480	317
		860			980	500-1720		800			280	340	490	347
		890			1050	400-1590		700			260	331	490	317
		890			1050	400-1590		800			270	341	500	347
		890			1050	400-1590		1000			320	343	505	349
		890			1050	500-1790		700			265	330	495	317
		890			1050	500-1790		800			275	336	505	347
		890			1050	500-1790		1000			315	342	510	349
		900			1150	400-1690		700			260	329	510	317
		900			1150	400-1690		800			270	339	520	347
		900			1150	400-1690		1000			315	342	515	349
		900			1150	500-1890		700			255	328	515	317
		900			1150	500-1890		800			265	334	525	347
		900			1150	500-1890		1000			310	341	520	349
KKS 14	2,0-2,5/600	890	1350/500	II	1050	400-1590	1000	1000	33	129	350	353	550	399
		890			1050	500-1790					350	351	555	405
		900			1150	400-1690					345	352	565	401
		900			1150	500-1890					345	349	570	406

- 2 hydraulic functions required
- includes hoses and couplings
- pressure gauge as standard with protection strip as standard



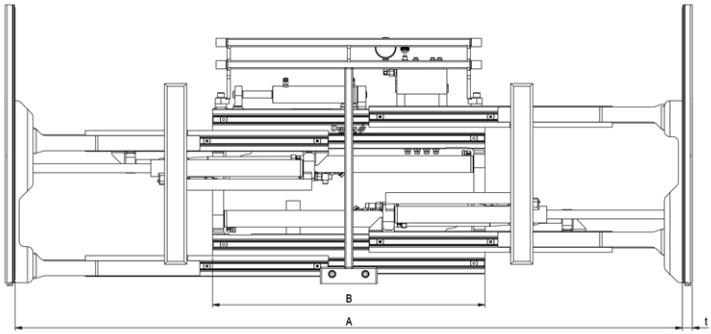
- RiGu black as standard surface
- other surfaces see page 252
- ISO type B mounting upon request
- clamp force options see page 249

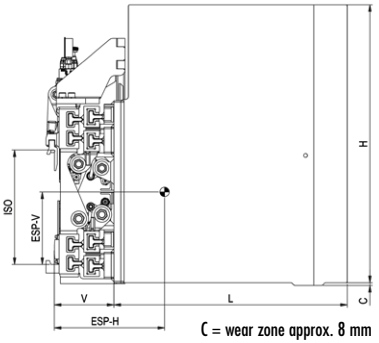
* arm length equals the usable length from the arm tip to the load contact on the clamp body

Carton clamp, telescopic

constant sideshift, rigid arms

KKS-T-S



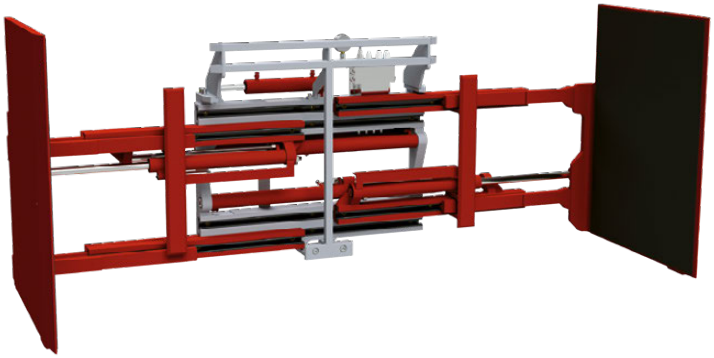


C = wear zone approx. 8 mm

type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A ITI mm	arm height H mm	arm length* L mm	arm thickness T mm	sideshift mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg	moving mass kg
KKS 08 T-S	1,0-1,5/500	730	750/500	II	980	400-2400	1000	700	28	+/- 100	254	265	339	655	635
						400-2400	1000	800				305	342	690	671
						400-2400	1200	700				285	381	695	675
						400-2400	1200	800				325	390	740	721
						470-2480	1000	700				265	339	655	635
						470-2480	1000	800				305	342	690	671
						470-2480	1200	700				285	382	695	675
						470-2480	1200	800				325	390	740	721
KKS 11 T-S	1,0-1,5/500	730	1050/500	II	980	400-2400	1000	700	28	+/- 100	254	265	339	655	635
						400-2400	1000	800				305	342	690	671
						400-2400	1200	700				285	381	695	675
						400-2400	1200	800				325	390	740	721
						470-2480	1000	700				265	339	655	635
						470-2480	1000	800				305	342	690	671
						470-2480	1200	700				285	382	695	675
						470-2480	1200	800				325	390	740	721

- 2 hydraulic functions required
- includes hoses and couplings
- pressure gauge as standard
- constant sideshift as standard
- flow divider as standard
- with protection strip as standard
- RiGu black as standard surface
- other surfaces see page 252
- 3-stage pressure relief valve upon request
- other arm dimensions upon request
- clamp force options see page 249

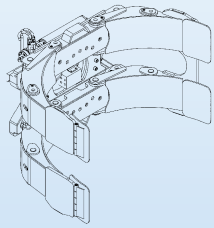
* arm length equals the usable length from the arm tip to the load contact on the clamp body



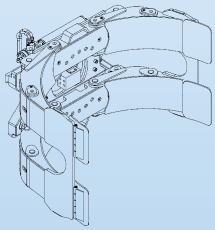
DURWEN Forklift Attachments

Paper roll clamps 360°

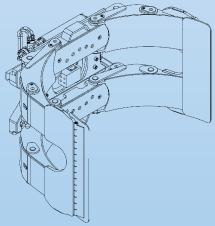
Durwen paper roll clamps feature slimline arm profile and are available in different configurations. Revolving paper roll clamps from Durwen are designed to take rolls in bilge position with regular forklift truck mast tilt of 5° forward. 0° arm design is also available, please ask. The slimline arms have multiple smooth wear protections as standard. Durwen uses the 360° direct drive rotation design for reliable and smooth rotation of reels. The Durwen standard contact plates are feature a cast grip profile. They are easy to maintain and repair. Furthermore there is a large variety of different pads and pad surfaces available. If you do not find the surface that you want please let us know. Models with powered short arm feature sequential positioning as standard. When ordering you can choose alternatively positioning at 45° rotation without add-on price. Later change involves cost. On the following pages you will find a broad overview on the standard range that is currently available. Please do not hesitate to ask us if you do not find the product you are looking for.
Durwen produces also Tissue clamps. We also offer a range of test equipment upon request and can also provide different systems for clamp pressure regulation.
The Durwen paper roll clamp range published here requires 160 bar pressure. Less pressure results in less clamping force.



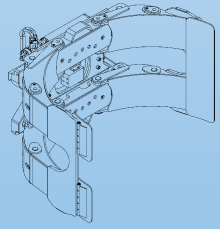
PRK TB with 4 contact plates (standard execution)
Long arm split
Powered short arm
Supports handling of 2 rolls with different diameters
Powered short arm enables handling of very small rolls



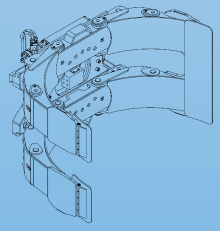
PRK B with 4 contact plates (standard execution)
Powered short arm
Handles 1 roll at a time
Powered short arm enables handling of very small rolls



PRK B with 2 long contact plates (option: one piece)
Powered short arm
Handles 1 roll at a time
Powered short arm enables handling of very small rolls
One piece contact plates can be offered upon request



PRK B with 3 contact plates (option: one piece)
Powered short arm
Handles 1 roll at a time
Powered short arm enables handling of very small rolls
One piece contact plate can be offered upon request

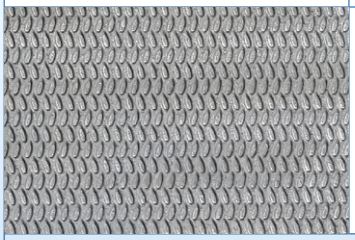
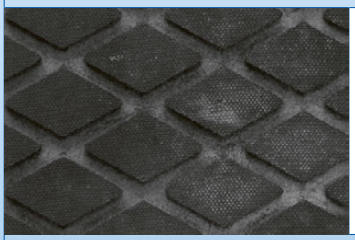


PRK TB with 3 contact plates (option: one piece)
Powered short arm
Handles 2 rolls with different diameters
Powered short arm enables handling of very small rolls
One piece contact plate can be offered upon request

Paper roll clamp 360° type PRK

Paper roll clamps surfaces

PRK

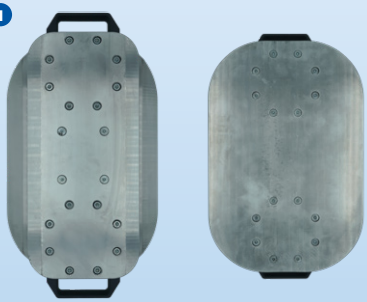
	surface	description	
	durable high friction cast grip	• suitable for most paper types • standard on PRK • wear resistance ●●●●● • friction ●●●○○	standard
	smooth rubber, black approx. 70° shore	• hot vulcanized rubber • good universal rubbe • wear resistance ●●●○○ • friction ●●●●○	upon request
	rhombic rubber, black approx. 70° shore	• hot vulcanized rubber • recommended for foil-wrapped applications • wear resistance ●●●○○ • friction ●●●●○	upon request
	rhombic rubber, white approx. 60° shore	• hot vulcanized rubber • non-dtaining • recommended for foil-wrapped applications • wear resistance ●●○○○ • friction ●●●●◐	upon request
	smooth PU, orange approx. 85° shore	• sprayed-on polyurethane • non-staining • very robust • wear resistance ●●●●◐ • friction ●●◑○○	upon request

other surface coatings upon request

Durwen test unit up to 200 kN for paper roll clamps

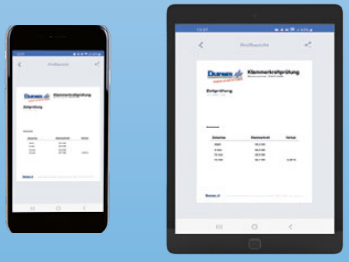
The **test unit** helps to check and measure the clamp force on roll clamps. The kit consists of a test contact plate with wireless measuring module, a test rail for universal mounting without tools, as well as the suitable Durwen app. With this new Android app, separate maximum force and loss measurements can be taken for a defined period of time.
Furthermore a protocol according to FEM 4.004 can be issued. The test rail fixes the test contact plate in various positions and also enables testing roll clamps with unsplit arms.
The Durwen test equipment is perfect for monitoring and documenting the quality of your paper handling.

1



2

3



Remarks

1. one test contact plate, 200 kN max.
2. test rail
3. app

brochure

Specifications:

- Durwen app for Android mobile devices (mobile device not included)
- three test modes available:
  - single measurement
  - time measurement
  - time measurement incl. FEM 4.004
- robust design made of solid aluminium
- test contact plate 250x60x380/8,4 kg
- operation with standard AA batteries
- highly adjustable test rail for various contact plates
- test rail small 230x68x1100/23 kg/100 kN
- test rail big 240x77x1300/36 kg/200 kN
- bluetooth connection

Advantages:

- simply use your android device
- safe use via test rail
- control measurement of clamp force loss
- test protocol for FEM 4.004 possible
- wireless data transfer via Bluetooth
- adjustable to almost every clamp without tools
- fill in and save your truck and attachment data

Durwen roll protection for paper rolls

Protects your paper rolls where necessary!
The Durwen roll protection ensures safety of your valuable paper rolls, not only in the roll storage but also in other critical areas. Whether it is in highly frequented loading zones or at an intersection of driveways, with the Durwen roll protection you are on the safe side when it comes to preventing damage. Our roll protection is made of high-quality aluminium to ensure maximum durability and reliability.
The low weight makes it especially easy to handle and the two grip holes allow for effortless transfer to the respective operating location.

Specifications:

- base material aluminium
- standard colour blue RAL 5010
- other colours possible
- available in two standard sizes
- roll protection large (diameter approx. 1400-1800 mm)
- roll protection small (diameter approx. 1000-1200 mm)
- special sizes upon request

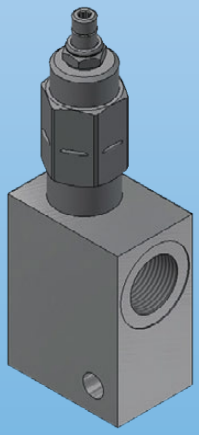
Advantages:

- lower rejects
- increases safety in roll storage
- easy to handle
- slim version – requires little space
- flexible to use
- cost avoidance due to less damage
- durable
- reusable

Chain valve for paper roll clamps

protects paper rolls, lift chains and mast components.

The **chain valve** is used for protection of paper rolls, lift chains and mast components for paper roll clamps. It prevents the sagging of the lift chain when putting down the paper roll. It needs to be installed on the forklift truck.
Operating mode: The valve only opens when a predetermined minimum pressure is reached. This ensures that the mast cannot be lowered further while the paper roll is still clamped. Only after unclamping (pressure drop below minimum pressure) the lowering process is released.



Advantages:

- simple integration into hydraulic system
- reliable and dirt repellent
- minimizes transport damage for chimney stacking
- damage protection of sensitive paper roll
- longer service life of lift chain and mast components
- increased operational safety via controlled lowering movement

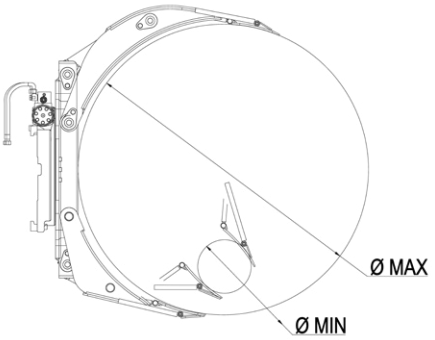
upon request

Paper roll clamp 360°

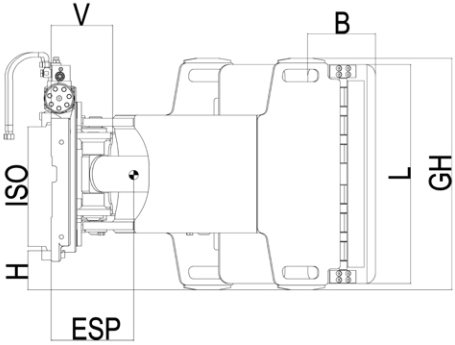
One-arm clamp

PRK 15
ISO II

The paper roll clamp **type PRK 15** is able to pick up paper rolls in vertical and horizontal position. This type features a long and a short arm and is used for the transport of single rolls. The short arm can either be fixed or powered.

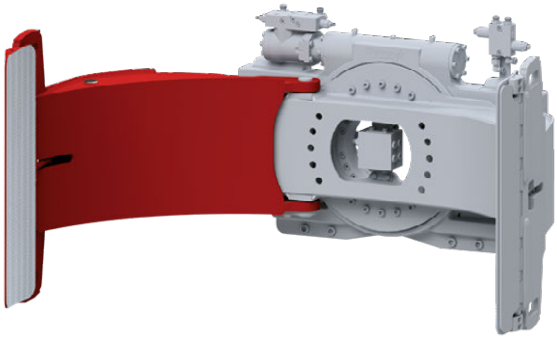


Short arm powered



type	capacity kg LC mm	min. carriage mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	H mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
PRK 15 S - 10	1500/535	850	II	380-1070	fixed	740	220x700	110	167	220	256	390
PRK 15 S - 11	1400/575			400-1150	fixed					225		408
PRK 15 S - 13	1300/650			400-1300	fixed					240		430
PRK 15 B - 13	1300/650			250-1300	powered					250		480
PRK 15 S - 14	1200/700			500-1400	fixed					245		460
PRK 15 B - 14	1200/700			250-1400	powered					255		515
PRK 15 S - 15	1100/760			500-1520	fixed					262		480
PRK 15 B - 15	1100/760			250-1520	powered					272		535
PRK 15 S - 16	1000/800			500-1600	fixed					280		500
PRk 15 B - 16	1000/800			250-1600	powered					290		555

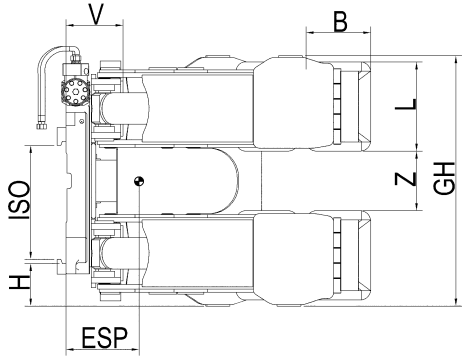
- 2 hydraulic functions required
- includes hoses and couplings
- standard with one-piece contact plates
- standard with safety valve
- contact plate surface machine steel grip
- optional surfaces see page 72
- picking up of horizontal rolls requires 5° forward mast tilt
- 160 bar pressure at entry required, less pressure results in less clamping force
- powered short arm sequential movement as standard, positioning at 45°, choose on order (no add-on price)
- 0° arm design upon request
- other contact plates upon request
- turning range limit upon request
- load extender upon request

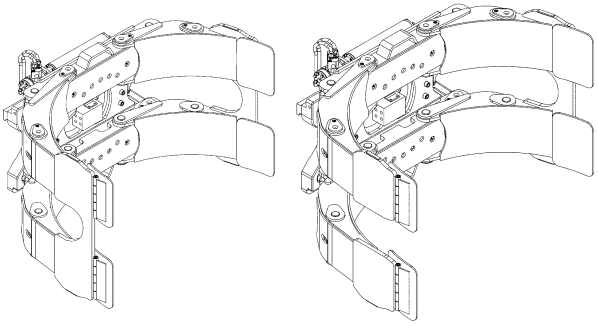


DURWEN Forklift Attachments

Paper roll clamp 360°

PRK 25
ISO II/III





long arm unsplit

long arm split

type	capacity kg LC mm	min. carriage mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
PRK 25 - Long arm unsplit													
PRK 25 B - 11	2000/575	950	II/III	250 - 1150	powered	840	220x300	200	143	184	200	282	565
PRK 25 S - 11	2000/575			400 - 1150	fixed						200		515
PRK 25 B - 13	1800/650			250 - 1300	powered						215		580
PRK 25 S - 13	1800/650			400 - 1300	fixed						215		530
PRK 25 B - 14	1700/700			250 - 1400	powered						225		590
PRK 25 S - 14	1700/700			600 - 1400	fixed						225		540
PRK 25 B - 15	1600/760			250 - 1520	powered						235		615
PRK 25 S - 15	1600/760			600 - 1520	fixed						235		580
PRK 25 B - 16	1500/800			250 - 1600	powered						248		653
PRK 25 S - 16	1500/800			600 - 1600	fixed						248		600
PRK 25 - Long arm split													
PRK 25 TB - 11	2000/575	950	II/III	250 - 1150	powered	840	220x300	200	143	184	195	282	560
PRK 25 TS - 11	2000/575			400 - 1150	fixed						195		510
PRK 25 TB - 13	1800/650			250 - 1300	powered						210		575
PRK 25 TS - 13	1800/650			400 - 1300	fixed						210		525
PRK 25 TB - 14	1700/700			250 - 1400	powered						220		585
PRK 25 TS - 14	1700/700			600 - 1400	fixed						220		535
PRK 25 TB - 15	1600/760			250 - 1520	powered						240		610
PRK 25 TS - 15	1600/760			600 - 1520	fixed						240		572
PRK 25 TB - 16	1500/800			250 - 1600	powered						245		648
PRK 25 TS - 16	1500/800			600 - 1600	fixed						245		595

- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 72
- other surfaces upon request
- centre cover upon request

- 160 bar pressure at entry required, less pressure results in less clamping force
- powered short arm sequential movement as standard, positioning at 45°, choose on order (no add-on price)
- 0° arm design upon request

- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks ISO II/III upon request
- force options see page 249

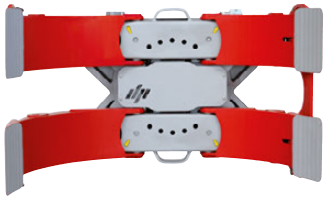
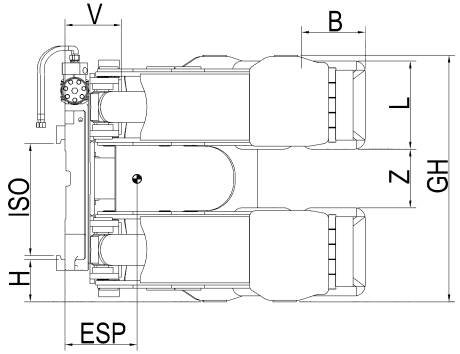


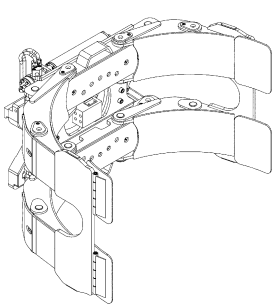
image shows unit complete with optional centre cover

DURWEN Forklift Attachments

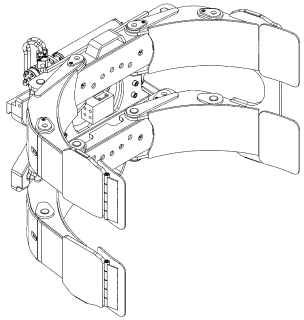
Paper roll clamp 360°

PRK 30
ISO II/III





long arm unsplit



long arm split

type	capacity kg LC mm	min. carriage mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
PRK 30 - Long arm unsplit													
PRK 30 B - 12	2400/600	950	II/III	250 - 1200	powered	840	220x300	200	143	197	222	284	660
PRK 30 S - 12	2400/600			500 - 1200	fixed						222		655
PRK 30 B - 13	2200/650			250 - 1300	powered						225		675
PRK 30 S - 13	2200/650			500 - 1300	fixed						225		670
PRK 30 B - 14	2000/725			250 - 1450	powered						235		685
PRK 30 S - 14	2000/725			600 - 1450	fixed						235		680
PRK 30 B - 15	1900/760			250 - 1520	powered						254		700
PRK 30 S - 15	1900/760			600 - 1520	fixed						254		695
PRK 30 B - 16	1750/800			250 - 1600	powered						275		715
PRK 30 S - 16	1750/800			600 - 1600	fixed						275		710
PRK 30 - Long arm split													
PRK 30 TB - 12	2400/600	950	II/III	250 - 1200	powered	840	220x300	200	143	197	215	284	650
PRK 30 TS - 12	2400/600			500 - 1200	fixed						215		645
PRK 30 TB - 13	2200/650			250 - 1300	powered						220		665
PRK 30 TS - 13	2200/650			500 - 1300	fixed						220		660
PRK 30 TB - 14	2000/725			250 - 1450	powered						228		675
PRK 30 TS - 14	2000/725			600 - 1450	fixed						228		670
PRK 30 TB - 15	1900/760			250 - 1520	powered						248		690
PRK 30 TS - 15	1900/760			600 - 1520	fixed						248		685
PRK 30 TB - 16	1750/800			250 - 1600	powered						270		705
PRK 30 TS - 16	1750/800			600 - 1600	fixed						270		700

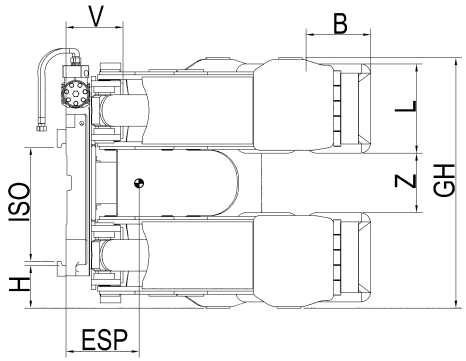
- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 72
- other surfaces upon request
- centre cover upon request
- 160 bar pressure at entry required, less pressure results in less clamping force
- powered short arm sequential movement as standard, positioning at 45°, choose on order (no add-on price)
- 0° arm design upon request
- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks ISO II/III upon request
- force options see page 249

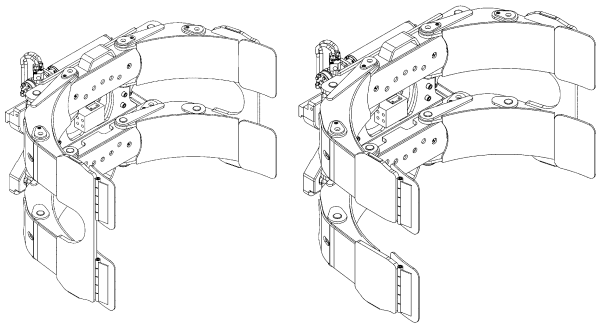
image shows unit complete with optional centre cover

DURWEN Forklift Attachments

Paper roll clamp 360°

PRK 35
ISO II/III





long arm unsplit

long arm split

type	capacity kg LC mm	min. carriage mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
PRK 35 - Long arm unsplit													
PRK 35 B - 13	2500/650	950	II/III	250 - 1300	powered	840	220x300	200	143	197	235	284	735
PRK 35 S - 13	2500/650			500 - 1300	fixed						235		730
PRK 35 B - 14	2200/725			250 - 1450	powered						248		760
PRK 35 S - 14	2200/725			500 - 1450	fixed						248		755
PRK 35 B - 15	2100/760			250 - 1520	powered						260		790
PRK 35 S - 15	2100/760			500 - 1520	fixed						260		785
PRK 35 B - 16	2000/800			250 - 1600	powered						275		815
PRK 35 S - 16	2000/800			600 - 1600	fixed						275		810
PRK 35 B - 18	1700/915			350 - 1830	powered						301		850
PRK 35 S - 18	1700/915			630 - 1830	fixed						301		845
PRK 35 - Long arm split													
PRK 35 TB - 13	2500/650	950	II/IIII	250 - 1300	powered	840	220x300	200	143	197	230	284	725
PRK 35 TS - 13	2500/650			500 - 1300	fixed						230		720
PRK 35 TB - 14	2200/725			250 - 1450	powered						243		750
PRK 35 TS - 14	2200/725			500 - 1450	fixed						243		745
PRK 35 TB - 15	2100/760			250 - 1520	powered						255		780
PRK 35 TS - 15	2100/760			500 - 1520	fixed						255		775
PRK 35 TB - 16	2000/800			250 - 1600	powered						270		805
PRK 35 TS - 16	2000/800			600 - 1600	fixed						270		800
PRK 35 TB - 18	1700/915			350 - 1830	powered						296		840
PRK 35 TS - 18	1700/915			630 - 1830	fixed						296		835

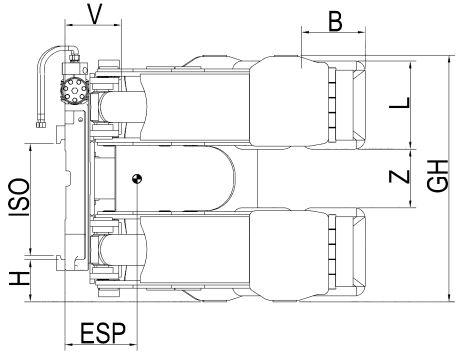
- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 72
- other surfaces upon request
- centre cover upon request
- 160 bar pressure at entry required, less pressure results in less clamping force
- powered short arm sequential movement as standard, positioning at 45°, choose on order (no add-on price)
- 0° arm design upon request
- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks ISO II/III upon request
- force options see page 249

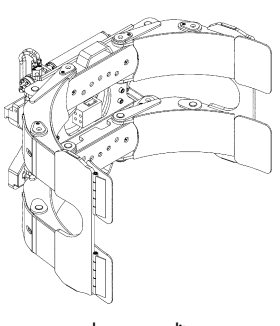
image shows unit complete with optional centre cover

DURWEN Forklift Attachments

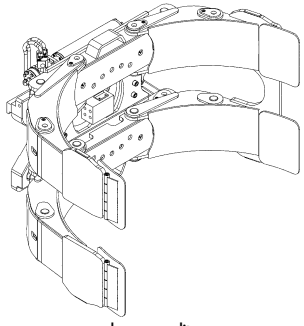
Paper roll clamp 360°

PRK 40
ISO III/IV





long arm unsplit



long arm split

type	capacity kg LC mm	min. carriage mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
PRK 40 - Long arm unsplit													
PRK 40 B - 13	3000/650	1150	III/IV	250 - 1300	powered	1040	250x400	200	195/200	215	210	333	825
PRK 40 S - 13	3000/650			500 - 1300	fixed						210		820
PRK 40 B - 14	2800/725			250 - 1450	powered						225		860
PRK 40 S - 14	2800/725			500 -1450	fixed						225		855
PRK 40 B - 15	2650/760			250 - 1520	powered						235		905
PRK 40 S - 15	2650/760			500 - 1520	fixed						235		900
PRK 40 B - 16	2500/800			250 - 1600	powered						275		930
PRK 40 S - 16	2500/800			600 - 1600	fixed						275		925
PRK 40 B - 18	2100/915			350 - 1830	powered						295		970
PRK 40 S - 18	2100/915			630 - 1830	fixed						295		965
PRK 40 - Long arm split													
PRK 40 TB - 13	3000/650	1150	III/IV	250 - 1300	powered	1040	250x400	200	195/200	215	205	333	815
PRK 40 TS - 13	3000/650			500 - 1300	fixed						205		810
PRK 40 TB - 14	2800/725			250 - 1450	powered						220		850
PRK 40 TS - 14	2800/725			500 -1450	fixed						220		845
PRK 40 TB - 15	2650/760			250 - 1520	powered						230		895
PRK 40 TS - 15	2650/760			500 - 1520	fixed						230		890
PRK 40 TB - 16	2500/800			250 - 1600	powered						270		920
PRK 40 TS - 16	2500/800			600 - 1600	fixed						270		915
PRK 40 TB - 18	2100/915			350 - 1830	powered						290		960
PRK 40 TS - 18	2100/915			630 - 1830	fixed						290		955

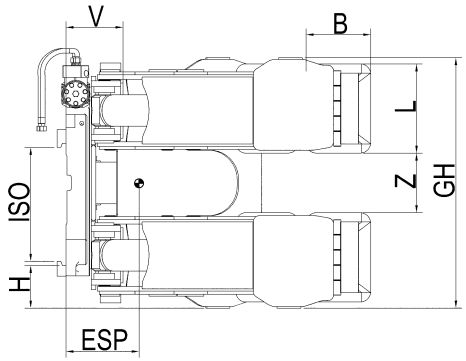
- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 72
- other surfaces upon request
- centre cover upon request
- 160 bar pressure at entry required, less pressure results in less clamping force
- powered short arm sequential movement as standard, positioning at 45°, choose on order (no add-on price)
- 0° arm design upon request
- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks ISO III/ISO IV upon request
- force options see page 249

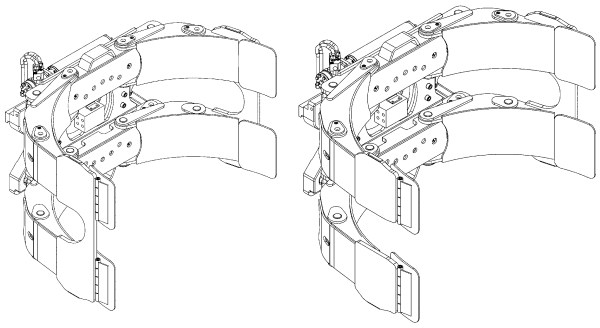
image shows unit complete with optional centre cover

DURWEN Forklift Attachments

Paper roll clamp 360°

PRK 45
ISO III/IV





long arm unsplit

long arm split

type	capacity kg LC mm	min. carriage mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
PRK 45 - Long arm unsplit													
PRK 45 B - 13	3500/650	1150	III/IV	250 - 1300	powered	1040	250x400	200	195/200	220	215	333	845
PRK 45 S - 13	3500/650			550 - 1300	fixed						215		840
PRK 45 B - 14	3300/725			250 - 1450	powered						230		875
PRK 45 S - 14	3300/725			550 - 1450	fixed						230		870
PRK 45 B - 15	3000/760			250 - 1520	powered						240		900
PRK 45 S - 15	3000/760			650 - 1520	fixed						240		895
PRK 45 B - 16	2800/800			250 - 1600	powered						280		950
PRK 45 S - 16	2800/800			650 - 1600	fixed						280		945
PRK 45 B - 18	2500/915			400 - 1830	powered						300		970
PRK 45 S - 18	2500/915			650 - 1830	fixed						300		965
PRK 45 - Long arm split													
PRK 45 TB - 13	3500/650	1150	III/IV	250 - 1300	powered	1040	250x400	200	195/200	220	210	333	835
PRK 45 TS - 13	3500/650			550 - 1300	fixed						210		830
PRK 45 TB - 14	3300/725			250 - 1450	powered						225		865
PRK 45 TS - 14	3300/725			550 - 1450	fixed						225		860
PRK 45 TB - 15	3000/760			250 - 1520	powered						236		890
PRK 45 TS - 15	3000/760			650 - 1520	fixed						236		885
PRK 45 TB - 16	2800/800			250 - 1600	powered						270		940
PRK 45 TS - 16	2800/800			650 - 1600	fixed						270		935
PRK 45 TB - 18	2500/915			400 - 1830	powered						295		960
PRK 45 TS - 18	2500/915			650 - 1830	fixed						295		955

- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 72
- other surfaces upon request
- centre cover upon request
- 160 bar pressure at entry required, less pressure results in less clamping force
- powered short arm sequential movement as standard, positioning at 45°, choose on order (no add-on price)
- 0° arm design upon request
- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks ISO III/ISO IV upon request
- force options see page 249

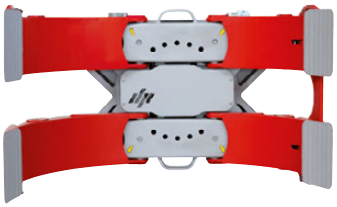
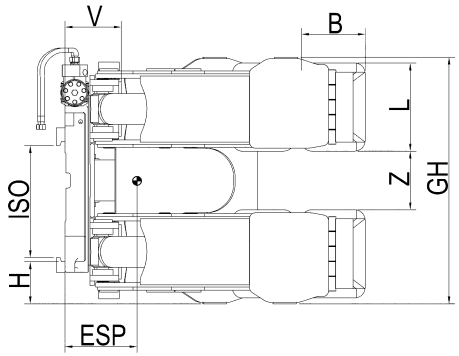


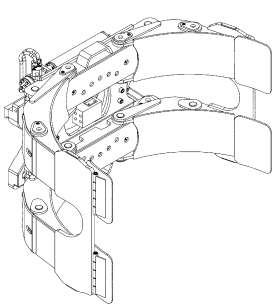
image shows unit complete with optional centre cover

DURWEN Forklift Attachments

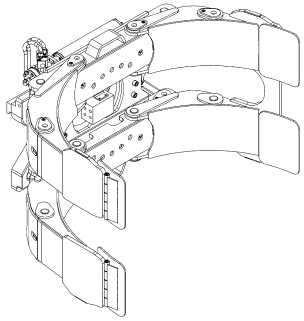
Paper roll clamp 360°

PRK 50
ISO III/IV





long arm unsplit



long arm split

type	capacity kg LC mm	min. carriage mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
PRK 50 - Long arm unsplit													
PRK 50 B - 13	4000/650	1150	III/IV	250 - 1300	powered	1140	280x400	300	245/250	225	247	329	1020
PRK 50 S - 13	4000/650			500 - 1300	fixed						247		1005
PRK 50 B - 14	3900/725			250 - 1450	powered						259		1045
PRK 50 S - 14	3900/725			500 -1450	fixed						259		1030
PRK 50 B - 15	3800/760			250 - 1520	powered						278		1070
PRK 50 S - 15	3800/760			500 - 1520	fixed						278		1055
PRK 50 B - 16	3700/800			250 - 1600	powered						283		1100
PRK 50 S - 16	3700/800			500 - 1600	fixed						283		1085
PRK 50 B - 18	3150/915			350 - 1830	powered						307		1170
PRK 50 S - 18	3150/915			630 - 1830	fixed						307		1155
PRK 50 - Long arm split													
PRK 50 TB - 13	4000/650	1150	III/IV	250 - 1300	powered	1140	280x400	300	245/250	225	242	329	1015
PRK 50 TS - 13	4000/650			500 - 1300	fixed						242		1000
PRK 50 TB - 14	3900/725			250 - 1450	powered						254		1040
PRK 50 TS - 14	3900/725			500 -1450	fixed						254		1025
PRK 50 TB - 15	3800/760			250 - 1520	powered						275		1065
PRK 50 TS - 15	3800/760			500 - 1520	fixed						275		1050
PRK 50 TB - 16	3700/800			250 - 1600	powered						278		1095
PRK 50 TS - 16	3700/800			500 - 1600	fixed						278		1080
PRK 50 TB - 18	3150/915			350 - 1830	powered						302		1165
PRK 50 TS - 18	3150/915			630 - 1830	fixed						302		1150

- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 72
- other surfaces upon request
- centre cover upon request

- 160 bar pressure at entry required, less pressure results in less clamping force
- powered short arm sequential movement as standard, positioning at 45°, choose on order (no add-on price)
- 0° arm design upon request

- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks ISO III/ISO IV upon request
- force options see page 249

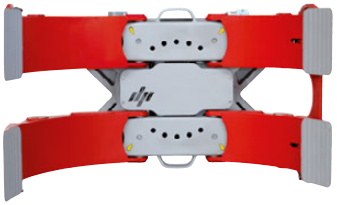
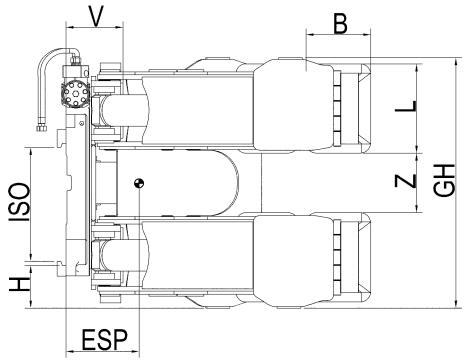


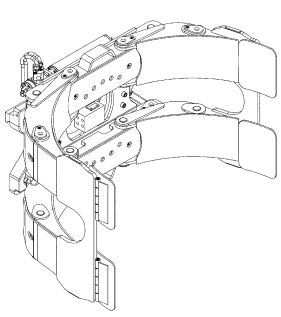
image shows unit complete with optional centre cover

DURWEN Forklift Attachments

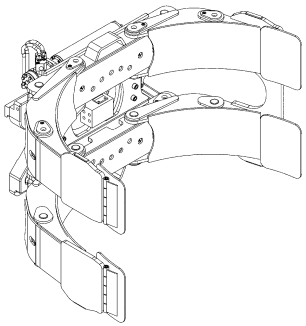
Paper roll clamp 360°

PRK 60
ISO IV





long arm unsplit



long arm split

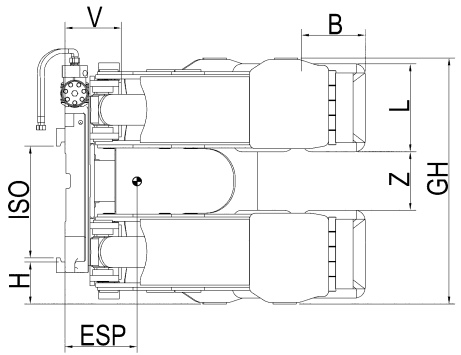
type	capacity kg LC mm	min. carriage mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
long arm unsplit													
PRK 60 B - 13	4500/650	1150	IV	250 - 1300	powered	1140	280x400	300	205	228	249	381	1200
PRK 60 S - 13	4500/650			500 - 1300	fixed						249		1185
PRK 60 B - 14	4300/725			250 - 1450	powered						256		1225
PRK 60 S - 14	4300/725			500 - 1450	fixed						256		1210
PRK 60 B - 15	4200/760			250 - 1520	powered						263		1260
PRK 60 S - 15	4200/760			450 - 1520	fixed						263		1245
PRK 60 B - 16	4000/800			250 - 1600	powered						270		1285
PRK 60 S - 16	4000/800			500 - 1600	fixed						270		1270
PRK 60 B - 18	3500/915			350 - 1830	powered						289		1325
PRK 60 S - 18	3500/915			650 - 1830	fixed						289		1310
PRK 60 B - 19	3300/950			350 - 1900	powered						300		1345
PRK 60 S - 19	3300/950			700 - 1900	fixed						300		1330
PRK 60 B - 20	3100/1000			350 - 2000	powered						314		1380
PRK 60 S - 20	3100/1000			700 - 2000	fixed						314		1365
long arm split													
PRK 60 TB - 13	4500/650	1150	IV	250 - 1300	powered	1140	280x400	300	205	228	244	381	1195
PRK 60 TS - 13	4500/650			500 - 1300	fixed						244		1180
PRK 60 TB - 14	4300/725			250 - 1450	powered						251		1220
PRK 60 TS - 14	4300/725			500 - 1450	fixed						251		1205
PRK 60 TB - 15	4200/760			250 - 1520	powered						258		1255
PRK 60 TS - 15	4200/760			450 - 1520	fixed						258		1240
PRK 60 TB - 16	4000/800			250 - 1600	powered						265		1280
PRK 60 TS - 16	4000/800			500 - 1600	fixed						265		1265
PRK 60 TB - 18	3500/915			350 - 1830	powered						284		1320
PRK 60 TS - 18	3500/915			650 - 1830	fixed						284		1305
PRK 60 TB - 19	3300/950			350 - 1900	powered						295		1340
PRK 60 TS - 19	3300/950			700 - 1900	fixed						295		1325
PRK 60 TB - 20	3100/1000			350 - 2000	powered						311		1375
PRK 60 TS - 20	3100/1000			700 - 2000	fixed						311		1360

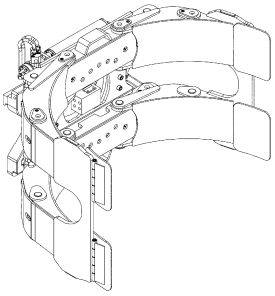
- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 72
- other surfaces upon request
- centre cover upon request
- 160 bar pressure at entry required, less pressure results in less clamping force
- powered short arm sequential movement as standard, positioning at 45°, choose on order (no add-on price)
- 0° arm design upon request
- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks ISO IV upon request
- force options see page 249

DURWEN Forklift Attachments

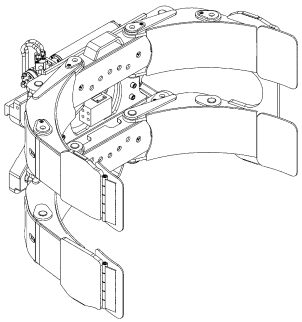
Paper roll clamp 360°

PRK 80
ISO IV





long arm unsplit



long arm split

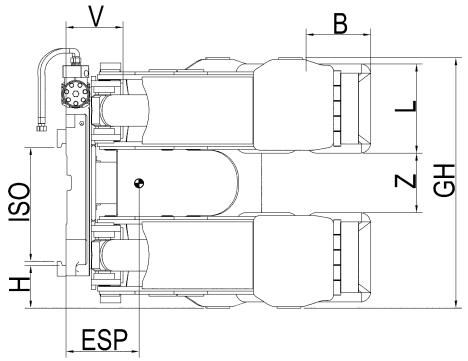
type	capacity kg LC mm	min. carriage mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
long arm unsplit													
PRK 80 B - 13	5000/650	1150	IV	250 - 1300	powered	1240	280x500	200	255	239	259	383	1330
PRK 80 S - 13	5000/650			500 - 1300	fixed						259		1325
PRK 80 B - 14	4800/725			250 - 1450	powered						271		1365
PRK 80 S - 14	4800/725			500 - 1450	fixed						271		1360
PRK 80 B - 15	4600/760			250 - 1520	powered						282		1395
PRK 80 S - 15	4600/760			450 - 1520	fixed						282		1390
PRK 80 B - 16	4500/800			250 - 1600	powered						291		1430
PRK 80 S - 16	4500/800			500 - 1600	fixed						291		1425
PRK 80 B - 18	4000/915			350 - 1830	powered						326		1490
PRK 80 S - 18	4000/915			650 - 1830	fixed						326		1485
PRK 80 B - 19	3800/950			350 - 1900	powered						343		1520
PRK 80 S - 19	3800/950			700 - 1900	fixed						343		1515
PRK 80 B - 20	3600/1000			350 - 2000	powered						360		1549
PRK 80 S - 20	3600/1000			700 - 2000	fixed						360		1544
PRK 80 B - 21	3400/1050			450 - 2100	powered						377		1580
PRK 80 S - 21	3400/1050			900 - 2100	fixed						377		1575
long arm split													
PRK 80 TB - 13	5000/650	1150	IV	250 - 1300	powered	1240	280x500	200	255	239	254	383	1335
PRK 80 TS - 13	5000/650			500 - 1300	fixed						254		1330
PRK 80 TB - 14	4800/725			250 - 1450	powered						266		1370
PRK 80 TS - 14	4800/725			500 - 1450	fixed						266		1365
PRK 80 TB - 15	4600/760			250 - 1520	powered						277		1400
PRK 80 TS - 15	4600/760			450 - 1520	fixed						277		1395
PRK 80 TB - 16	4500/800			250 - 1600	powered						286		1425
PRK 80 TS - 16	4500/800			500 - 1600	fixed						286		1420
PRK 80 TB - 18	4000/915			350 - 1830	powered						321		1485
PRK 80 TS - 18	4000/915			650 - 1830	fixed						321		1480
PRK 80 TB - 19	3800/950			350 - 1900	powered						338		1515
PRK 80 TS - 19	3800/950			700 - 1900	fixed						338		1510
PRK 80 TB - 20	3600/1000			350 - 2000	powered						355		1544
PRK 80 TS - 20	3600/1000			700 - 2000	fixed						355		1539
PRK 80 TB - 21	3400/1050			450 - 2100	powered						372		1575
PRK 80 TS - 21	3400/1050			900 - 2100	fixed						372		1570

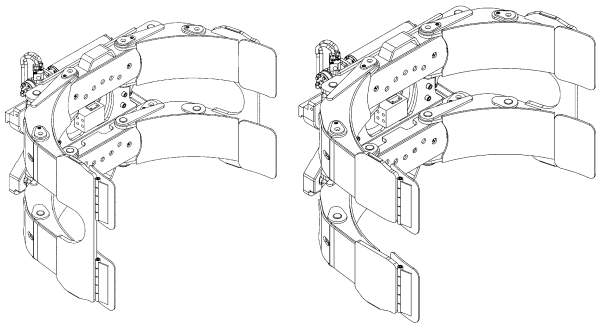
- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 72
- other surfaces upon request
- 0° arm design upon request
- centre cover upon request
- 160 bar pressure at entry required, less pressure results in less clamping force
- powered short arm sequential movement as standard, positioning at 45° choose on order (no add-on price)
- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks ISO IV upon request
- force options see page 249

DURWEN Forklift Attachments

Paper roll clamp 360°

PRK 100
ISO IV





long arm unsplit

long arm split

type	capacity kg LC mm	min. carriage mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
long arm unsplit													
PRK 100 B - 13	5600/650	1150	IV	400 - 1300	powered	1240	280x500	200	250	255	246	387	1360
PRK 100 B - 14	5500/725			450 - 1450							263		1440
PRK 100 B - 15	5400/760			480 - 1520							280		1470
PRK 100 B - 16	5300/800			550 - 1600							297		1510
PRK 100 B - 18	4600/915			580 - 1830							311		1630
PRK 100 B - 19	4300/950			600 - 1900							328		1670
PRK 100 B - 20	4000/1000			600 - 2000							345		1710
PRK 100 B - 21	3800/1050			650 - 2100							362		1750
long arm split													
PRK 100 TB - 13	5600/650	1150	IV	400 - 1300	powered	1240	280x500	200	250	255	241	387	1350
PRK 100 TB - 14	5500/725			450 - 1450							258		1430
PRK 100 TB - 15	5400/760			480 - 1520							275		1460
PRK 100 TB - 16	5300/800			550 - 1600							292		1500
PRK 100 TB - 18	4600/915			580 - 1830							306		1620
PRK 100 TB - 19	4300/950			600 - 1900							323		1660
PRK 100 TB - 20	4000/1000			600 - 2000							340		1700
PRK 100 TB - 21	3800/1050			650 - 2100							350		1740

- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 72
- other surfaces upon request
- centre cover upon request
- 160 bar pressure at entry required, less pressure results in less clamping force
- powered short arm sequential movement as standard, positioning at 45°, choose on order (no add-on price)
- 0° arm design upon request
- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks ISO IV upon request,
- force options see page 24

DURWEN Forklift Attachments

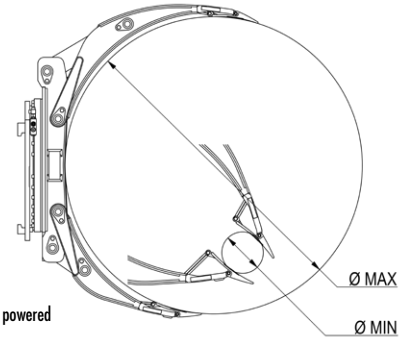
Impressions of Durwen paper roll clamps

DURWEN Forklift Attachments

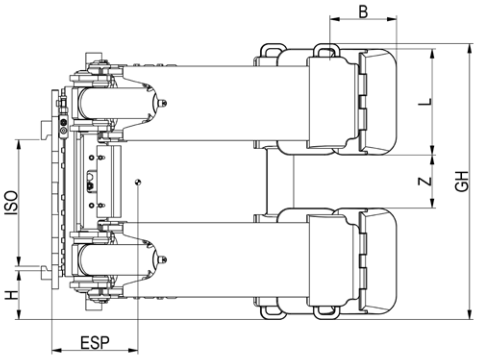
Paper roll clamp type PRK 180°

Paper roll clamp 180°

PRK 40-180
ISO III



Short arm powered



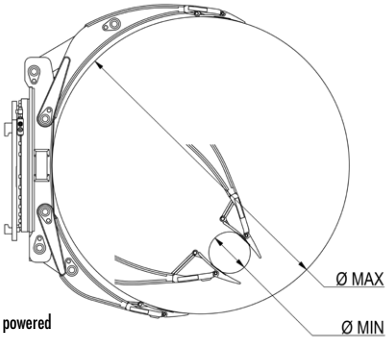
type	capacity kg LC mm	min. carriage mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg
PRK 40 - Long arm unsplit													
PRK 40 B-13-180	3000/650	950	III	250 - 1300	powered	1040	250x400	200	184	215	241	333	795
PRK 40 S-13-180	3000/650			500 - 1300	fixed						241		790
PRK 40 B-15-180	2650/760			250 - 1520	powered						265		850
PRK 40 S-15-180	2650/760			500 - 1520	fixed						265		845
PRK 40 B-16-180	2500/800			250 - 1600	powered						292		878
PRK 40 S-16-180	2500/800			600 - 1600	fixed						292		873
PRK 40 B-18-180	2100/915			350 - 1830	powered						301		925
PRK 40 S-18-180	2100/915			630 - 1830	fixed						301		920
PRK 40 - Long arm split													
PRK 40 TB-13-180	3000/650	950	III	250 - 1300	powered	1040	250x400	200	184	215	234	333	785
PRK 40 TS-13-180	3000/650			500 - 1300	fixed						234		780
PRK 40 TB-15-180	2650/760			250 - 1520	powered						260		840
PRK 40 TS-15-180	2650/760			500 - 1520	fixed						260		835
PRK 40 TB-16-180	2500/800			250 - 1600	powered						287		868
PRK 40 TS-16-180	2500/800			600 - 1600	fixed						287		863
PRK 40 TB-18-180	2100/915			350 - 1830	powered						296		915
PRK 40 TS-18-180	2100/915			630 - 1830	fixed						296		910

- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 72
- other surfaces upon request
- with centre cover as standard
- 160 bar pressure at entry required,
- less pressure results in less clamping force
- powered short arm sequential movement as standard
- 0° arm design upon request
- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks ISO III upon request
- force options see page 249

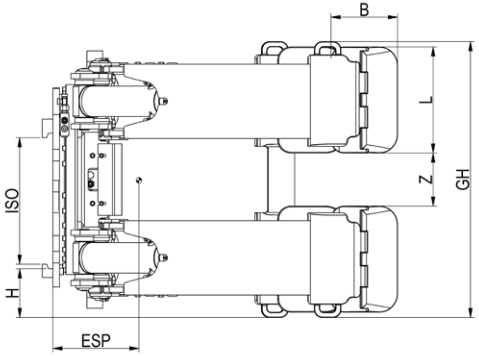
DURWEN Forklift Attachments

Paper roll clamp 180°

PRK 45-180
ISO III



Short arm powered



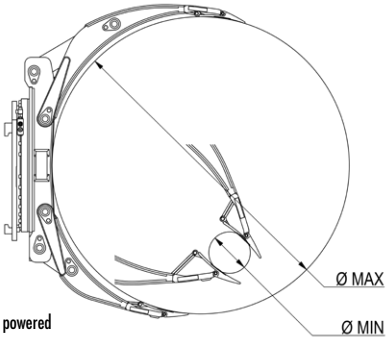
type	capacity kg LC mm	min. carriage mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg
PRK 45 - Long arm unsplit													
PRK 45 B-13-180	3500/650	950	III	250 - 1300	powered	1040	250x400	200	184	215	262	333	830
PRK 45 S-13-180	3500/650			550 - 1300	fixed						262		825
PRK 45 B-15-180	3000/760			250 - 1520	powered						288		875
PRK 45 S-15-180	3000/760			650 - 1520	fixed						288		870
PRK 45 B-16-180	2800/800			250 - 1600	powered						315		895
PRK 45 S-16-180	2800/800			650 - 1600	fixed						315		890
PRK 45 B-18-180	2500/915			400 - 1830	powered						325		965
PRK 45 S-18-180	2500/915			650 - 1830	fixed						325		960
PRK 45 - Long arm split													
PRK 45 TB-13-180	3500/650	950	III	250 - 1300	powered	1040	250x400	200	184	215	257	333	820
PRK 45 TS-13-180	3500/650			550 - 1300	fixed						257		815
PRK 45 TB-15-180	3000/760			250 - 1520	powered						283		865
PRK 45 TS-15-180	3000/760			650 - 1520	fixed						283		860
PRK 45 TB-16-180	2800/800			250 - 1600	powered						310		885
PRK 45 TS-16-180	2800/800			650 - 1600	fixed						310		880
PRK 45 TB-18-180	2500/915			400 - 1830	powered						320		955
PRK 45 TS-18-180	2500/915			650 - 1830	fixed						320		950

- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 72
- other surfaces upon request
- with centre cover as standard
- 160 bar pressure at entry required,
- less pressure results in less clamping force
- powered short arm sequential movement as standard
- 0° arm design upon request
- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks ISO III upon request
- force options see page 249

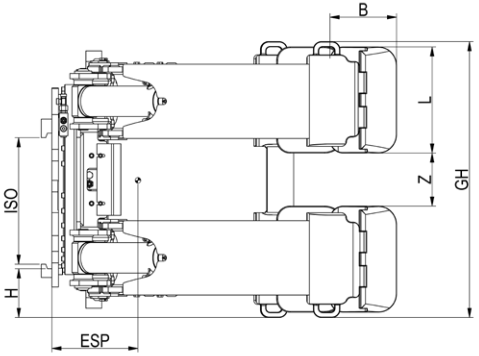
DURWEN Forklift Attachments

Paper roll clamp 180°

PRK 50-180
ISO III/IV



Short arm powered



type	capacity kg LC mm	min. carriage mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
PRK 50 - Long arm unsplit													
PRK 50 B-13-180	4000/650	1000	III/IV	250 - 1300	powered	1140	280x400	300	157/202	220	259	405	980
PRK 50 S-13-180	4000/650			500 - 1300	fixed						259		975
PRK 50 B-15-180	3800/760			250 - 1520	powered						287		1050
PRK 50 S-15-180	3800/760			500 - 1520	fixed						287		1045
PRK 50 B-16-180	3700/800			250 - 1600	powered						295		1060
PRK 50 S-16-180	3700/800			500 - 1600	fixed						295		1055
PRK 50 B-18-180	3150/915			350 - 1830	powered						317		1120
PRK 50 S-18-180	3150/915			630 - 1830	fixed						317		1115
PRK 50 - Long arm split													
PRK 50 TB-13-180	4000/650	1000	III/IV	250 - 1300	powered	1140	280x400	300	157/202	220	254	405	970
PRK 50 TS-13-180	4000/650			500 - 1300	fixed						254		965
PRK 50 TB-15-180	3800/760			250 - 1520	powered						282		1040
PRK 50 TS-15-180	3800/760			500 - 1520	fixed						282		1035
PRK 50 TB-16-180	3700/800			250 - 1600	powered						290		1050
PRK 50 TS-16-180	3700/800			500 - 1600	fixed						290		1045
PRK 50 TB-18-180	3150/915			350 - 1830	powered						312		1110
PRK 50 TS-18-180	3150/915			630 - 1830	fixed						312		1105

- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 72
- other surfaces upon request
- with centre cover as standard

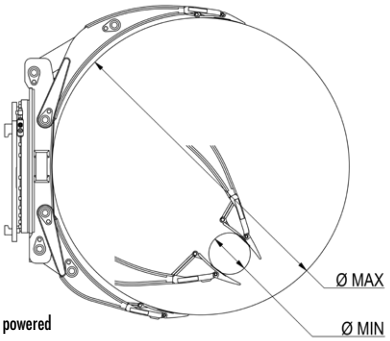
- 160 bar pressure at entry required,
- less pressure results in less clamping force
- powered short arm sequential movement as standard
- 0° arm design upon request

- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks ISO III/IV upon request
- force options see page 249

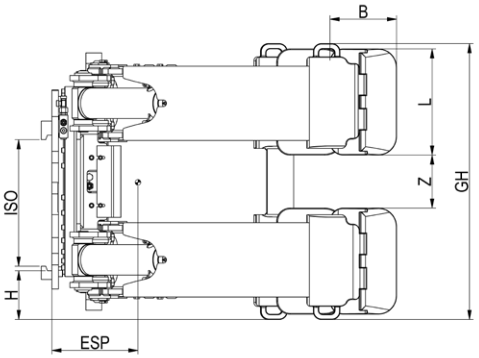
DURWEN Forklift Attachments

Paper roll clamp 180°

PRK 60-180 ISO IV



Short arm powered



type	capacity kg LC mm	min. carriage mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg
PRK 60 - long arm unsplit													
PRK 60 B-13-180	4500/650	1000	IV	250 - 1300	powered	1240	280x500	200	207	238	294	406	1165
PRK 60 S-13-180	4500/650			500 - 1300	fixed						294		1160
PRK 60 B-15-180	4200/760			250 - 1520	powered						313		1225
PRK 60 S-15-180	4200/760			450 - 1520	fixed						313		1220
PRK 60 B-16-180	4000/800			250 - 1600	powered						318		1240
PRK 60 S-16-180	4000/800			500 - 1600	fixed						318		1235
PRK 60 B-18-180	3500/915			350 - 1830	powered						333		1275
PRK 60 S-18-180	3500/915			650 - 1830	fixed						333		1270
PRK 60 - long arm split													
PRK 60 TB-13-180	4500/650	1000	IV	250 - 1300	powered	1240	280x500	200	207	238	289	406	1155
PRK 60 TS-13-180	4500/650			500 - 1300	fixed						289		1150
PRK 60 TB-15-180	4200/760			250 - 1520	powered						308		1215
PRK 60 TS-15-180	4200/760			450 - 1520	fixed						308		1210
PRK 60 TB-16-180	4000/800			250 - 1600	powered						313		1230
PRK 60 TS-16-180	4000/800			500 - 1600	fixed						313		1225
PRK 60 TB-18-180	3500/915			350 - 1830	powered						328		1265
PRK 60 TS-18-180	3500/915			650 - 1830	fixed						328		1260

- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 72
- other surfaces upon request
- with centre cover as standard

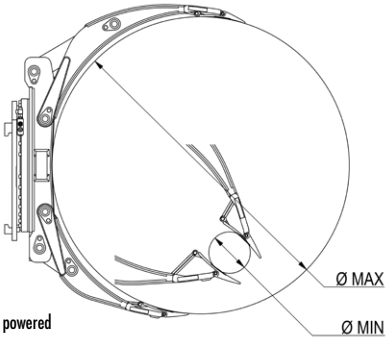
- 160 bar pressure at entry required,
- less pressure results in less clamping force
- powered short arm sequential movement as standard
- 0° arm design upon request

- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks ISO IV upon request
- force options see page 249

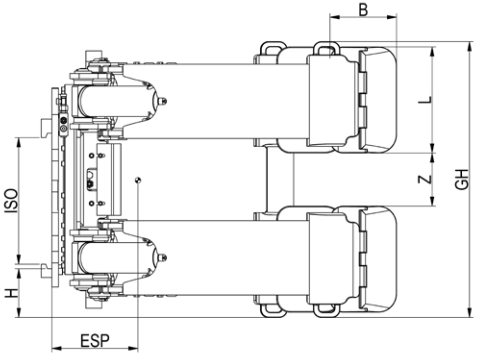
DURWEN Forklift Attachments

Paper roll clamp 180°

PRK 80/100-180 ISO IV/V



Short arm powered



type	capacity kg LC mm	min. carriage mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg
PRK 80 - Long arm unsplit													
PRK 80 B-13-180	5000/650	1000	IV	250 - 1300	powered	1240	280x500	200	207	238	281	406	1305
PRK 80 B-15-180	4600/760			250 - 1520							305		1353
PRK 80 B-16-180	4500/800			250 - 1600							317		1370
PRK 80 B-18-180	4000/915			350 - 1830							335		1385
PRK 80 B-21-180	3400/1050			450 - 2100							365		1490
PRK 80 - Long arm split													
PRK 80 TB-13-180	5000/650	1000	IV	250 - 1300	powered	1240	280x500	200	207	238	276	406	1295
PRK 80 TB-15-180	4600/760			250 - 1520							297		1343
PRK 80 TB-16-180	4500/800			250 - 1600							306		1360
PRK 80 TB-18-180	4000/915			350 - 1830							328		1375
PRK 80 TB-21-180	3400/1050			450 - 2100							355		1480
PRK 100 - Long arm unsplit													
PRK 100 B-15-180	5400/760	1100	IV/V	480 - 1520	powered	1240	280x500	200	102	258	287	487	1480
PRK 100 B-16-180	5300/800			500 - 1600							305		1520
PRK 100 B-18-180	4600/915			580 - 1830							323		1580
PRK 100 B-21-180	3800/1050			650 - 2100							377		1700
PRK 100 - Long arm split													
PRK 100 TB-15-180	5400/760	1100	IV/V	480 - 1520	powered	1240	280x500	200	102	258	282	487	1470
PRK 100 TB-16-180	5300/800			500 - 1600							300		1510
PRK 100 TB-18-180	4600/915			580 - 1830							318		1570
PRK 100 TB-21-180	3800/1050			650 - 2100							372		1690

- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 72
- other surfaces upon request

- with centre cover as standard
- 160 bar pressure at entry required,
- less pressure results in less clamping force
- powered short arm sequential movement as standard

- 0° arm design upon request
- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks ISO IV upon request
- force options see page 249

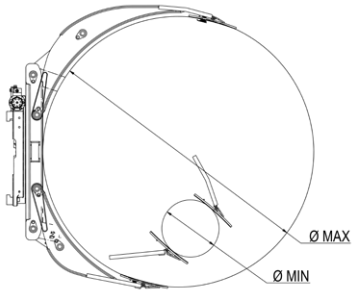
DURWEN Forklift Attachments

Tissue roll clamp 360° type TRK

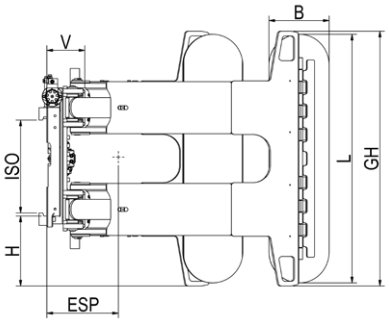
Tissue roll clamp TRK 360°

TRK 20-50

The **Durwen tissue roll clamps TRK 360°** are designed with ideal geometry for handling tissue rolls. The large rubber-faced contact plates are carefully designed for good friction coefficient and for minimised impact on tissue at the same time.
The 360° rotation is based on the Durwen rotator with drive via worm wheel-worm gear.



Short arm powered



typee	capacity kg LC mm	min. carriage mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	H mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
TRK 20 B - 13	1300/650	850	II	300 - 1300	powered	1240	280x1200	375	179	288	254	615
TRK 20 B - 15	1100/760			400 - 1520						337	254	685
TRK 20 B - 16	1000/800			400 - 1600						360	258	715
TRK 25 B - 13	1800/650	950	II/III	300 - 1300		1240	280x1200	343	183	265	285	650
TRK 25 B - 15	1600/760			400 - 1520						313		745
TRK 25 B - 16	1500/800			400 - 1600						330		775
TRK 30 B - 13	2200/650	950	II/III	360 - 1300		1240	280x1200	343	183	318	285	715
TRK 30 B - 15	1900/760			400 - 1520						325		765
TRK 30 B - 16	1750/800			400 - 1600						331		780
TRK 30 B - 18	1500/915			500 - 1830						350		840
TRK 40 B - 16	2500/800	1150	III/IV	400 - 1600		1240	280x1200	275/280	220	355	332	1028
TRK 40 B - 18	2150/915			500 - 1830						370		1077
TRK 40 B - 20	2000/1025			500 - 2050						379		1095
TRK 40 B - 21	1800/1075			550 - 2150						398		1110
TRK 50 B - 16	3000/800	1150	III/IV	500 - 1600		1640	400x1600	475/480	225	411	327	1352
TRK 50 B - 18	2800/915			500 - 1830						428		1400
TRK 50 B - 20	2500/1025			600 - 2050						439		1422
TRK 50 B - 21	2400/1075			600 - 2150						462		1450

- 2 hydraulic functions required
- includes hoses and couplings
- safety valve as standard
- contact plates with rubber-coating (smooth or rhombic) as standard, optional with PU-coating

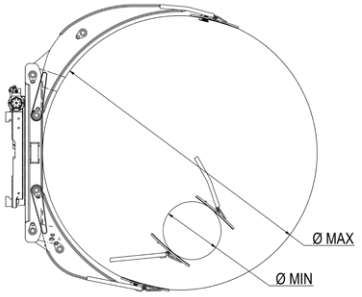
- contact plates convex angled outward upon request
- for picking up horizontal rolls min. 5° mast forward tilt required
- powered short arm sequential movement as standard, positioning at 45°, choose on order (no add-on price)
- hydraulic pressure of 160 bar required at forklift truck coupling, less pressure results in less clamping force
- load extender upon request

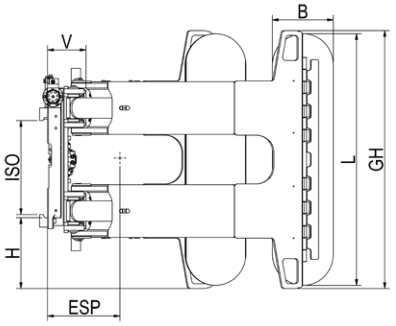
DURWEN Forklift Attachments

Tissue roll clamp TRK 360°

TRK 60-110
ISO IV

The **Durwen tissue roll clamps TRK 360°** are designed with ideal geometry for handling tissue rolls. The large rubber-faced contact plates are carefully designed for good friction coefficient and for minimised impact on tissue at the same time.
The 360° rotation is based on the Durwen rotator with drive via worm wheel-worm gear.





Short arm powered

type	capacity kg LC mm	min. carriage mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	H mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg
TRK 60 B - 18	3200/915	1150	IV	500 - 1830	powered	1640	400x1600	475/480	240	430	380	1650
TRK 60 B - 20	2900/1025			600 - 2050						440		1720
TRK 60 B - 21	2750/1075			600 - 2150						445		1750
TRK 60 B - 22	2650/1125			600 - 2250						450		1790
TRK 60 B - 25	2200/1250			600 - 2500						458		2005
TRK 80 B - 20	3200/1025			600 - 2050		1640	400x1600	475/480	240	441	380	1895
TRK 80 B - 21	3050/1075			600 - 2150						462		1925
TRK 80 B - 22	3050/1125			600 - 2250						485		1950
TRK 80 B - 25	2600/1250			600 - 2500						503		2180
TRK 100 B - 21	3350/1075			800 - 2150		1840	400x1800	550	258	478	382	1995
TRK 100 B - 23	3250/1175			800 - 2350						490		2065
TRK 100 B - 25	2950/1275			800 - 2550						505		2170
TRK 100 B - 26	2850/1325			800 - 2650						510		2230
TRK 110 B - 26	3800/1300			850 - 2600			550x1800			523		2370

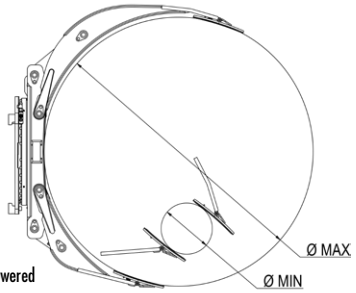
- 2 hydraulic functions required
- includes hoses and couplings
- safety valve as standard
- contact plates with rubber-coating (smooth or rhombic) as standard, optional with PU-coating
- contact plates convex angled outward upon request
- for picking up horizontal rolls min. 5° mast forward tilt required
- powered short arm sequential movement as standard, positioning at 45°, choose on order (no add-on price)
- hydraulic pressure of 160 bar required at forklift truck coupling, less pressure results in less clamping force
- load extender upon request

DURWEN Forklift Attachments

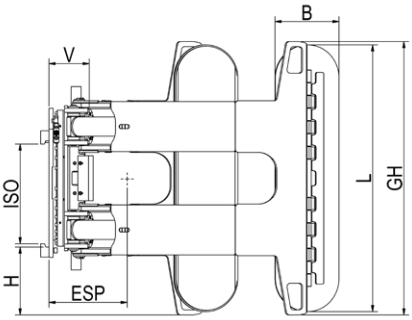
Tissue roll clamp TRK 180°

TRK 40-110-180

The **Durwen tissue roll clamps TRK 180°** are designed with ideal geometry for handling tissue rolls. The large rubber-faced contact plates are carefully designed for good friction coefficient and for minimised impact on tissue at the same time. The 180° rotation is based on the Durwen rack and pinion drive. Due to the technically designed stop at 0° and 180° the roll always stands up straight so that edge damage is prevented when setting down the rolls.



Short arm powered



type	capacity kg LC mm	min. carriage mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	H mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
TRK 40 B - 16 - 180	2500/800	950	III/IV	400 - 1600	powered	1240	280x1200	275/280	215	400	335	1005
TRK 40 B - 18 - 180	2150/915			500 - 1830						416		1045
TRK 40 B - 20 - 180	2000/1025			500 - 2050						433		1065
TRK 40 B - 21- 180	1800/1075			550 - 2150						451		1080
TRK 50 B - 16 - 180	3000/800	1000	III/IV	500 - 1600		1640	400x1600	475/480	220	420	408	1305
TRK 50 B - 18 - 180	2800/915			500 - 1830						436		1340
TRK 50 B - 20 - 180	2500/1025			600 - 2050						454		1365
TRK 50 B - 21 - 180	2400/1075			600 - 2150						471		1390
TRK 60 B - 18 - 180	3200/915	1000	IV	500 - 1830		1640	400x1600	480	238	438	409	1580
TRK 60 B - 20 - 180	2900/1025			600 - 2050						455		1620
TRK 60 B - 21 - 180	2750/1075			600 - 2150						451		1660
TRK 60 B - 22 - 180	2650/1125			600 - 2250						484		1725
TRK 60 B - 25 - 180	2200/1250			600 - 2500						515		1780
TRK 80 B - 20 - 180	3100/1025	1000	IV	600 - 2050		1640	400x1600	480	238	457	410	1830
TRK 80 B - 21 - 180	2950/1075			600 - 2150						473		1865
TRK 80 B - 22 - 180	2950/1125			600 - 2250						496		1905
TRK 80 B - 25 - 180	2600/1250			600 - 2500						514		1995
TRK 100 B - 21 - 180	3350/1075	1100	IV	800 - 2150		1840	400x1800	550	258	478	488	2000
TRK 100 B - 23 - 180	3250/1175			800 - 2350						495		2040
TRK 100 B - 25 - 180	2950/1275			800 - 2550						512		2090
TRK 100 B - 26 - 180	2850/1325			800 - 2650						530		2140
TRK 110 B - 25 - 180	3800/1250	1100	IV	800 - 2500		1440	700x1400	222	258	500	491	2150

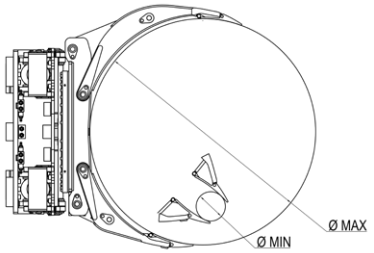
- 2 hydraulic functions required
- includes hoses and couplings
- safety valve as standard
- contact plates with rubber-coating (smooth or rhombic) as standard, optional with PU-coating
- contact plates convex angled outward upon request
- for picking up horizontal rolls min. 5° mast forward tilt required
- powered short arm sequential movement as standard
- hydraulic pressure of 160 bar required at forklift truck coupling, less pressure results in less clamping force
- load extender upon request

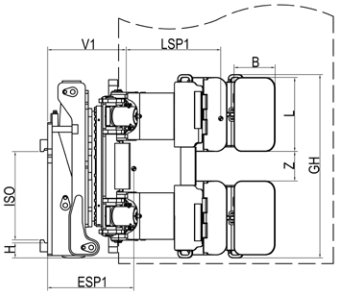
DURWEN Forklift Attachments

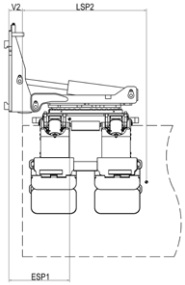
Paper roll clamp 180°, tilting

PRK-K-180
ISO III/IV/V

The **Durwen tilting paper roll clamp type PRK-K 180°** enables picking up of paper rolls in horizontal and vertical position. Due to the 90° forward tilt, horizontal rolls can be picked up and set down crosswise and lengthwise to the driving direction. The clamp has a rotation range of 180°. Due to the technically designed stop at 0° and 180° the roll always stands up straight so that edge damage is prevented when setting down the rolls.







Short arm powered

type	capacity kg LC mm	min. carriage mm	LC 1 / LC 2 mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	LLC1/ LLC2 mm	COG/ESP 1/ COG/ESP 2 hor. mm	COG/ESP vert. mm	weight kg
Tilting paper roll clamp - Long arm unsplit														
PRK 40 B-13-D-K-180	3000	950	650/1200	III/IV	250/550*-1300	powered	1040	250x400	200	30	455/100	268/498	upon request	1528
PRK 40 B-15-D-K-180	2650		760/1200	III/IV	250/600*-1520		1040	250x400	200	30	455/100	288/516		1568
PRK 50 B-15-D-K-180	3600	950	760/1300	IV	250/600*-1520		1140	280x400	300	30	495/100	393/662		1760
PRK 50 B-16-D-K-180	3500		800/1300	IV	250/600*-1600		1140	280x400	300	30	495/100	399/669		1780
PRK 60 B-15-D-K-180	4200	1050	760/1300	IV/V	250/600*-1520		1240	280x500	200	80	513/100	412/703		1945
PRK 60 B-16-D-K-180	4000		800/1300	IV/V	250/600*-1600		1240	280x500	200	80	513/100	418/706		1960
PRK 80 B-15-D-K-180	4600	1150	760/1400	IV/V	350/800*-1520		1240	280x500	200	80	653/100	532/823		2360
PRK 80 B-16-D-K-180	4500		800/1400	IV/V	250/800*-1600		1240	280x500	200	80	653/100	532/823		2375
Tilting paper roll clamp - Long arm split														
PRK 40 TB-13-D-K-180	3000	950	650/1200	III/IV	250/550*-1300	powered	1040	250x400	200	30	455/100	268/498	upon request	1523
PRK 40 TB-15-D-K-180	2650		760/1200	III/IV	250/600*-1520		1040	250x400	200	30	455/100	288/516		1563
PRK 50 TB-15-D-K-180	3600	950	760/1300	IV	250/600*-1520		1140	280x400	300	30	495/100	393/662		1765
PRK 50 TB-16-D-K-180	3500		800/1300	IV	250/600*-1600		1140	280x400	300	30	495/100	399/669		1785
PRK 60 TB-15-D-K-180	4200	1050	760/1300	IV/V	250/600*-1520		1240	280x500	200	80	513/100	412/703		1950
PRK 60 TB-16-D-K-180	4000		800/1300	IV/V	250/600*-1600		1240	280x500	200	80	513/100	418/706		1965
PRK 80 TB-15-D-K-180	4600	1150	760/1400	IV/V	350/800*-1520		1240	280x500	200	80	653/100	532/823		2350
PRK 80 TB-16-D-K-180	4500		800/1400	IV/V	250/800*-1600		1240	280x500	200	80	653/100	532/823		2365

- 3 hydraulic functions required
- includes hoses and couplings
- safety valve as standard
- contact plates with durable high friction cast grip as standard, optional with coating
- powered short arm sequential movement as standard
- hydraulic pressure of 160 bar required at forklift truck coupling, less pressure results in less clamping force
- 360° rotator upon request
- without rotator upon request
- conventional solenoid valve upon request (12 V, 24 V, 48 V, 80 V – please indicate)
- load extender upon request

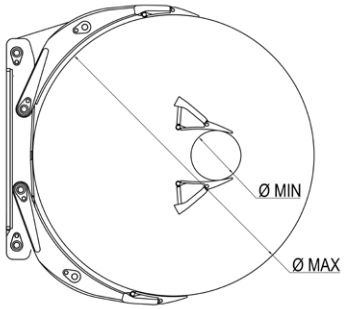
* changed roll diameter with tilted paper roll clamp

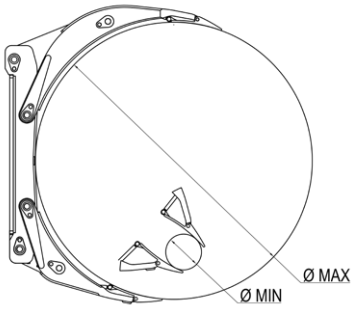
DURWEN Forklift Attachments

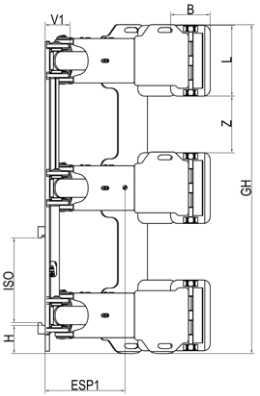
Tower paper roll clamp

TPRK-ND
ISO III/IV/V

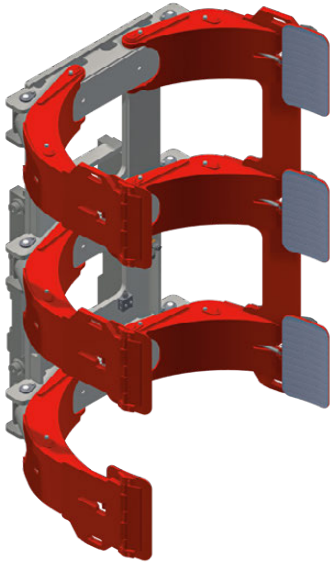
The **Durwen tower paper roll clamp type TPRK** is suitable for picking up paper rolls in vertical position. Due to the three clamp arm sets, one, two or three rolls can be picked up safely. The clamp can be equipped with two equally long clamp arms or one long and one short arm.







type	capacity kg LC mm	min. carriage mm	ISO	roll diameter min - max mm	GH mm	contact plates B x L mm	Z mm	H mm	V1 mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
TPRK 45 TB-13-ND	4600/650	900	III/IV	300-1300	2040	250x400	400	80	135	295	upon request	950
TPRK 45 TB-16-ND	4200/800		III/IV	400-1600	2040	250x400		80	135	320		1010
TPRK 60 TB-13-ND	6400/650	950	IV/V	400-1300	2340	280x500		140	175	280		1520
TPRK 60 TB-16-ND	6000/800		IV/V	500-1600	2340	280x500		140	175	300		1650
TPRK 80 TB-13-ND	8000/650	1050	IV/V	500-1300	2340	280x500		140	190	285		1710
TPRK 80 TB-16-ND	7500/800		IV/V	600-1600	2340	280x500		140	190	306		1840



- 1 hydraulic function required
- includes hoses and couplings
- three separate clamp arm sets
- choose equally long clamp arms or one long arm and one short arm
- revolving tower clamps upon request
- hydraulically height-adjustable clamp frame upon request
- contact plates with durable high friction cast grip as standard, optional with coating
- hydraulic pressure of 160 bar required at forklift truck coupling, less pressure results in less clamping force

DURWEN Forklift Attachments

Durwen fork positioners overview

type ZVP-S, ZVP

page 105-109

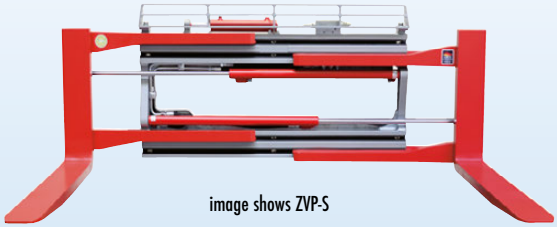
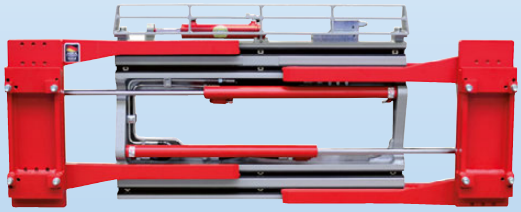


image shows ZVP-S

- T-profile guides
- based on clamp design, opening range beyond frame
- constant sideshift (ZVP-S), integral sideshift (ZVP) or without sideshift
- bolt-on forks as standard

type ZVP-AS, ZVP-A

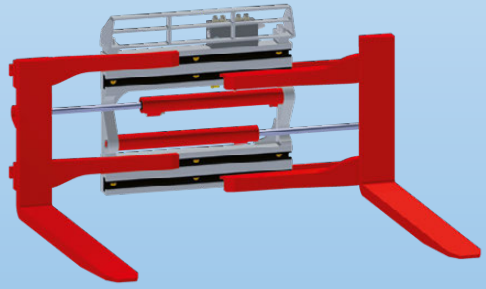
page 110-113



- T-profile guides
- based on clamp design, opening range beyond frame
- constant sideshift (ZVP-AS), integral sideshift (ZVP-A) or without sideshift
- standard with bolt-on adaptor plate for mounting of ISO forks

type ZVP for reach trucks

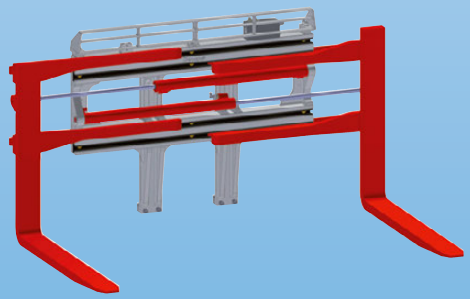
page 114



- T-profile guides
- based on clamp design, opening range beyond frame
- version between support arms of reach truck
- without sideshift, integreal sideshift optionel
- bolt-on forks as standard

type ZVP-H (elevated) for reach trucks

page 115



- T-profile guides
- based on clamp design, opening range beyond frame
- elevated frame, above the support arms of reach truck
- without sideshift
- bolt-on forks as standard
- no loss of lifting height

type ZVW, ZVW-S

page 117-122

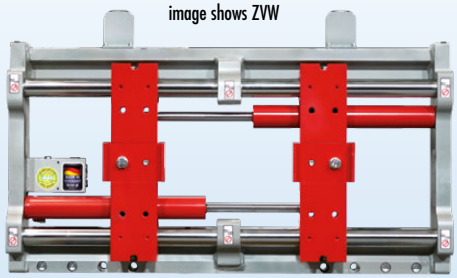


image shows ZVW

- robust, high-quality shaft guidance
- encapsulated grease chamber system
- torsion-resistant frame
- protected valve technology
- excellent visibility
- integral sideshift (ZVW), constant sideshift (ZVW-S) or no sideshift possible
- max. opening range within frame width
- no forks, for mounting of ISO forks (bolt-on forks retrofittable)
- low lost load centre

type ZVW-G, ZVW-GS

page 123-128

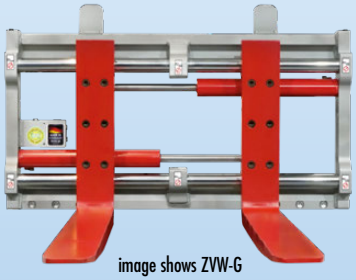


image shows ZVW-G

- robust, high-quality shaft guidance
- encapsulated grease chamber system
- torsion-resistant frame
- protected valve technology
- excellent visibility
- integral sideshift (ZVW), constant sideshift (ZVW-S) or no sideshift possible
- max. opening range within frame width
- bolt-on forks as standard, hook-on forks possible
- low lost load centre

type DZVW-G, DZVW-GS

page 129-130

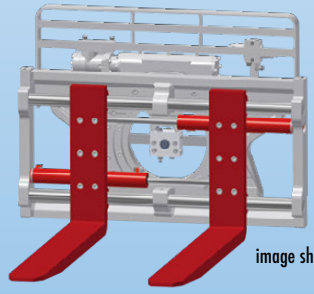


image shows type DZVW-G

- 360° rotation
- robust, high-quality shaft guidance
- encapsulated grease chamber system
- torsion-resistant frame
- protected valve technology
- worm wheel-worm shaft drive
- no sideshift as standard (type DZVW-G) or with constant sideshift as standard (type DZVW-GS)
- bolt-on forks as standard

type ZVW-I, ZVW-IG

page 132-137

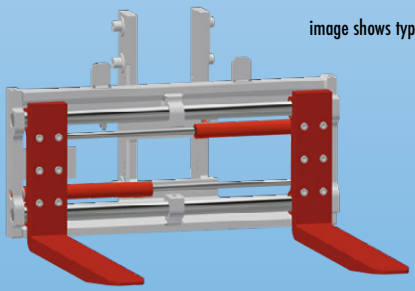


image shows type ZVW-IG

- integrated version
- robust, high-quality shaft guidance
- encapsulated grease chamber system
- torsion-resistant frame
- protected valve technology
- integral sideshift as standard
- max. opening range within frame width
- with bolt-on forks or without forks

Durwen fork positioners overview

type RZV-S, RZV

page 140-145

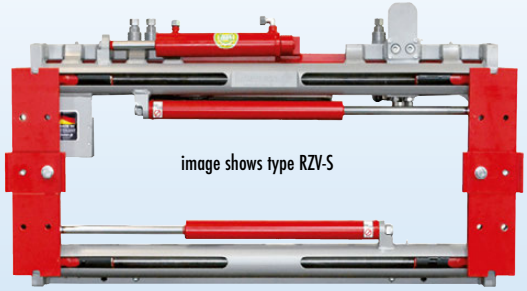


image shows type RZV-S

- tube guides
- all-rounder
- opening range slightly outside frame width
- constant, integral or no sideshift possible
- without forks, for mounting of ISO forks (bolt-on forks retrofittable)
- suitable for long forks

type RZV-GS, RZV-G

page 146-151

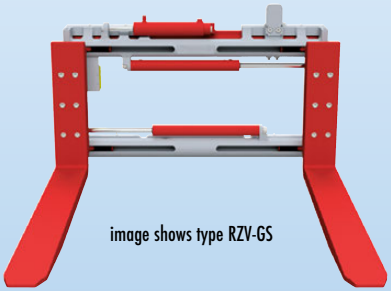


image shows type RZV-GS

- tube guides
- all-rounder
- opening range slightly outside frame width
- constant, integral or no sideshift possible
- bolt-on forks as standard, ISO forks possible
- suitable for long forks

type RZV, RZV-G for reach trucks

page 152-153

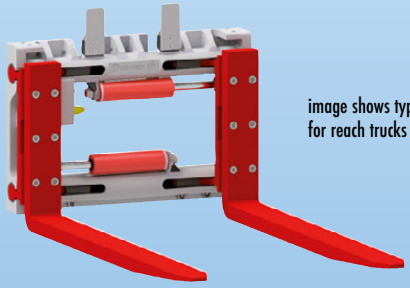
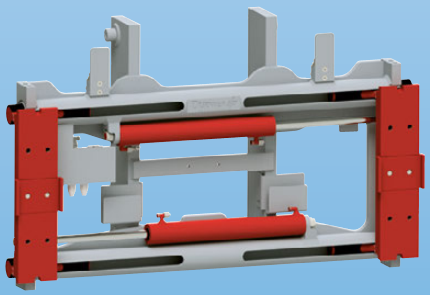


image shows type RZV-G for reach trucks

- tube guides
- all-rounder
- version between support arms of reach truck
- frame width=max. opening range
- without sideshift, optinal integral sideshift
- with bolt-on forks or without forks for mounting of ISO forks (bolt-on forks retrofittable)

type RZV-I, RZV-IG

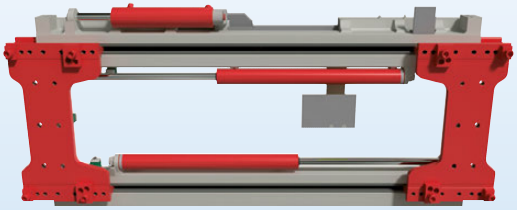
page 154-158



- integrated version
- tube guides
- all-rounder
- opening range slightly outside frame width
- integral sideshift as standard, optinal no sideshift
- with bolt-on forks or without forks for mounting of ISO forks (bolt-on forks retrofittable)
- suitable for long forks

type PZV-S, PZV, PZV-GS, PZV-G, PZV-GC

page 162-169, 180



- T-profile guides
- opening range slightly outside frame width
- constant sideshift or integral sideshift
- with bolt-on forks or without forks for mounting of ISO forks (bolt-on forks retrofittable)
- suitable for long forks

type PZV-SI, PZV-GSI, PZV-I, PZV-IG

page 170-179

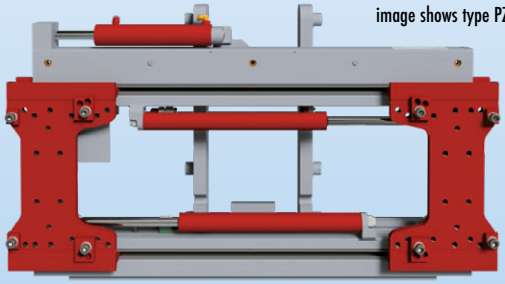
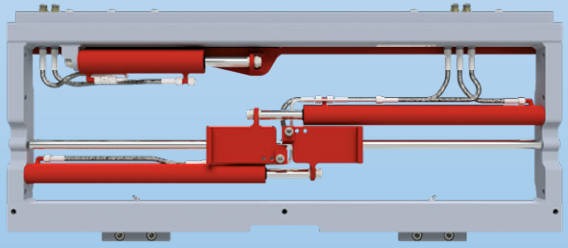


image shows type PZV-SI

- integrated version
- tube guides
- all-rounder
- opening range slightly outside frame width
- integral sideshift as standard, optinal no sideshift
- with bolt-on forks or without forks for mounting of ISO forks (bolt-on forks retrofittable)
- suitable for long forks

type LZV-S

page 182-183



- lightweight fork positioner
- standard with constant sideshift
- low lost load center
- large field of vision
- bolt-on forks not possible
- only for ISO forks, max. length 1600 mm
- frame width = max. opening range

fork positioners for heavy forklift trucks

page 184-187

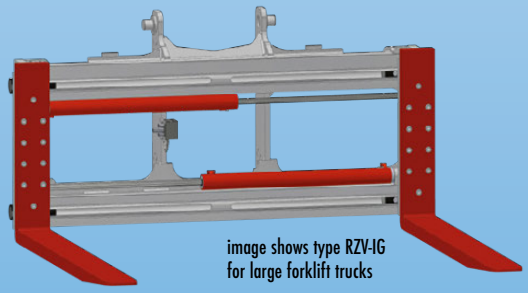


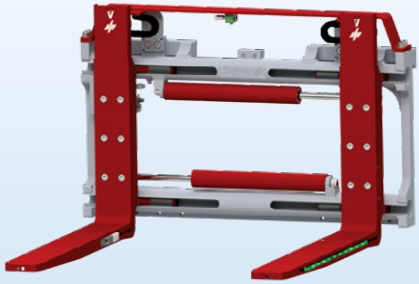
image shows type RZV-IG
for large forklift trucks

- for forklift trucks from 10 tons, up to 18 tons/1200 mm LC
- integrated version
- bolt-on forks as standard
- integral sideshift
- RZV-IG: tube guides, opening range slightly outside frame width
- ZVP-I: T-profile guides, based on clamp design, opening range outside of frame

Durwen fork positioners overview

type RZV-GS-SF, RZV-G-SF (multisense technology)

page 188-201



- tube guides
- various camera, laser, sensor and LED light versions
- bolt-on forks as standard
- constant sideshift (RZV-GS-SF) or integral sideshift (RZV-G-SF)
- plug and play connection as standard
- protection strip with integrated wire guiding as standard
- ready to install
- full online documentation

type RZV-TGZ RZV-S-TGZ

page 206-209

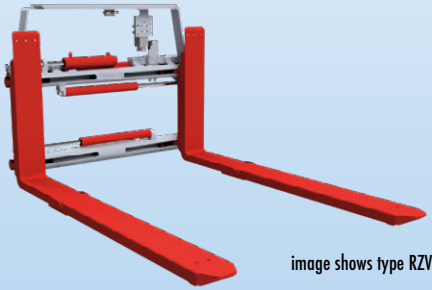
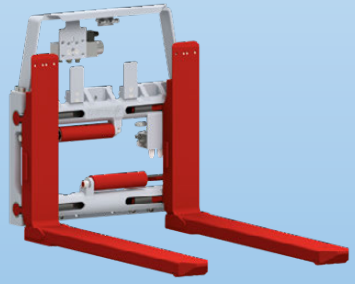


image shows type RZV-S-TGZ

- tube guides
- all-rounder
- hook-on telescopic forks, optional as bolt-on
- opening range slighty outside frame width
- constant sideshift or without sideshift
- protection strip with integrated hose guiding as standard

type RZV-TGZ for reach trucks

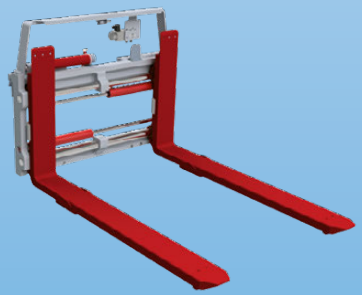
page 210



- tube guides
- all-rounder
- reach truck version: without sideshift, small frame widths
- hook-on telescopic forks, optional as bolt-on
- opening range slighty outside frame width
- protection strip with integrated hose guiding as standard

type ZVW-S-TGZ

page 211-213



- robust, high-quality shaft guidance
- encapsulated grease chamber system
- max. opening range within frame width
- hook-on telescopic forks, optional as bolt-on
- constant sideshift as standard
- protection strip with integrated hose guiding as standard

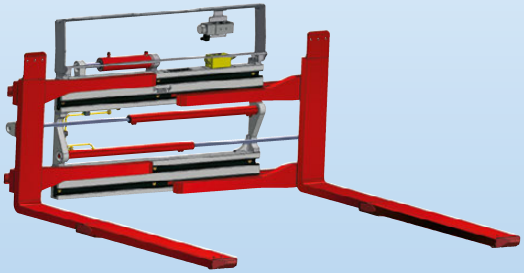
type PZV-S-TGZ, PZV-SI-TGZ, PZV-TGZ

page 214-220

- T-profile guides
- bolt-on telescopic forks as standard
- based on clamp design, opening range beyond frame width
- constant sideshift as standard, optional no sideshift
- protection strip with integrated hose guiding as standard

type ZVP-S-TGZ, ZVP-TGZ

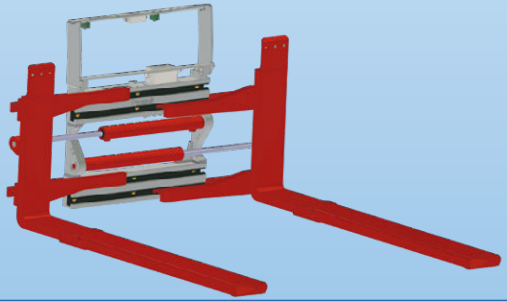
page 221-225



- T-profile guides
- bolt-on telescopic forks as standard
- based on clamp design, opening range beyond frame width
- constant sideshift as standard, optional no sideshift
- protection strip with integrated hose guiding as standard

type ZVP-TGZ for reach trucks

page 226



- T-profile guides
- reach truck version: without sideshift, small unit widths
- bolt-on telescopic forks as standard
- based on clamp design, opening range outside of frame
- protection strip with integrated hose guiding as standard

Fork positioner type ZVP-S

Durwen app

App Store

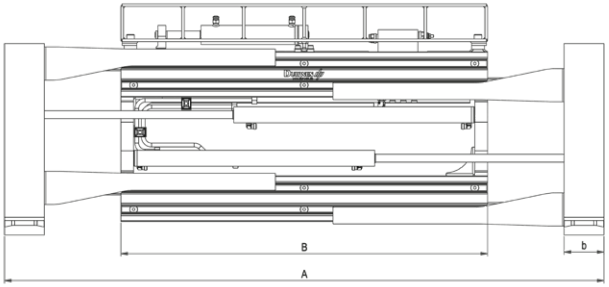
Google Play

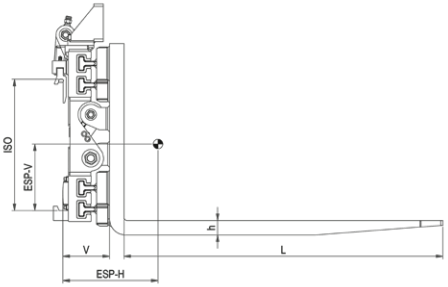
Sideshifting fork positioner

ZVP-S
ISO II

constant sideshift, bolt-on forks

The sideshifting fork positioner ZVP-S is designed to allow fork spread beyond the width of the carriage. This flexible feature is ideal in situations where space is important. A huge variety of loads can be handled with extreme efficiency. This strong and durable attachment has excellent visibility and minimised lost load centre with the use of innovative double T / E profiles. The attachment is equipped with constant sideshift and bolt-on forks as standard. Clamping of goods is not allowed with this attachment.



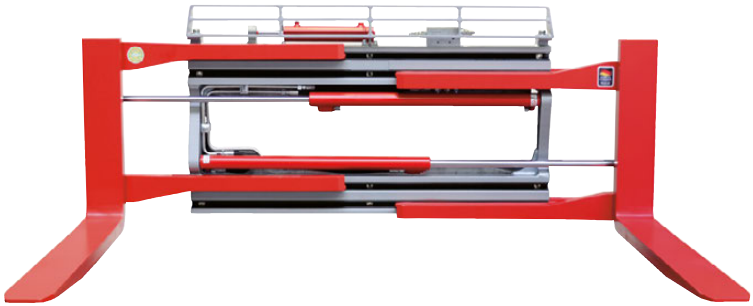


type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
ZVP 15-S*	1,0-1,5/500	730 730 900	1500/500	II	880 980 1050	560-1610 560-1710 560-1780	100x35x1200	+/- 75 +/- 100 +/- 100	116	192 188 186	195 192 190	287 297 305
ZVP 20-S	1,6-2,0/500	730 900 900	2000/500		980 1050 1150	560-1710 560-1780 560-1880	100x40x1200	+/- 100	121	204 198 196	188 186 184	320 330 340
ZVP 25-S	2,0-2,5/600	730 900 900 900 900 900 980	2500/600		980 1050 1080 1150 1150 1200 1400	560-1710 560-1780 560-1810 560-1880 320-1400 560-1930 560-2130	125x45x1200	+/- 100	148	228 218 217 212 208 206 195	185 188 189 190 190 190 194	410 420 425 435 430 435 445

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- with protection strip as standard
- load backrest type LS-K see page 247
- flow divider as standard

*Forks longer 1600 mm cross section changes

type	forks b x h mm
ZVP 15-S	100x40



forks bolted from the rear

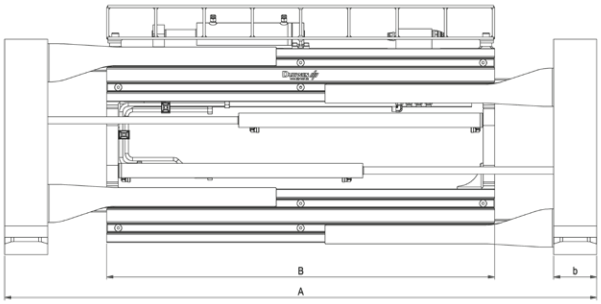
DURWEN Forklift Attachments

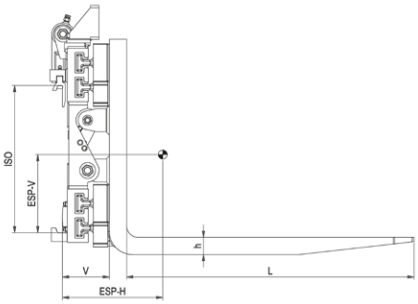
Sideshifting fork positioner

ZVP-S
ISO III

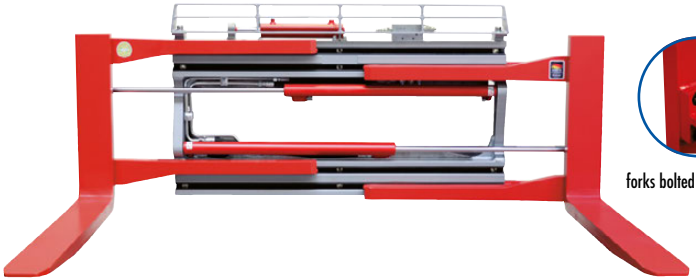
constant sideshift, bolt-on forks

The sideshifting fork positioner ZVP-S is designed to allow fork spread beyond the width of the carriage. This flexible feature is ideal in situations where space is important. A huge variety of loads can be handled with extreme efficiency. This strong and durable attachment has excellent visibility and minimised lost load centre with the use of innovative double T / E profiles. The attachment is equipped with constant sideshift and bolt-on forks as standard. Clamping of goods is not allowed with this attachment.





type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
ZVP 30-S	3,0/500	730 730 900 900 900 900 900 900 1050	3000/500	III	980 1000 1050 1150 1150 1200 1300 1350 1450	560-1710 560-1730 560-1780 560-1880 440-1640 560-1930 560-2030 560-2080 560-2180	125x45x1200	+/- 100	148	217 215 213 205 203 202 201 200 198	227 228 230 234 235 235 236 237 239	425 432 435 450 446 465 470 480 495
ZVP 35-S	3,0/600- 3,5/500	980 980 980	3500/500		1150 1250 1350	560-1880 560-1980 560-2080	140x50x1200		153	232 230 228	225 226 228	505 520 545
ZVP 40-S	3,5-4,0/600	1050 1050 1050 1150	4000/500		1150 1250 1350 1450	550-1860 550-1960 550-2060 550-2160	140x50x1200		155	210 206 205 204	255 260 262 264	625 640 660 680
ZVP 45-S	4,5-5,0/500	1050 1050 1050 1150 1150	5000/500		1150 1250 1350 1450 1550	550-1860 550-1960 550-2060 550-2160 550-2260	150x60x1200		165	205 205 203 202 201	244 247 250 252 253	680 700 720 740 760
ZVP 48-S	5,0/600	1050 1150 1150	5000/600		1350 1450 1550	550-2060 550-2160 550-2260	150x60x1200		175	195 193 190	253 254 255	790 810 830



forks bolted from the rear

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- with protection strip as standard
- load backrest type LS-K see page 247
- flow divider as standard

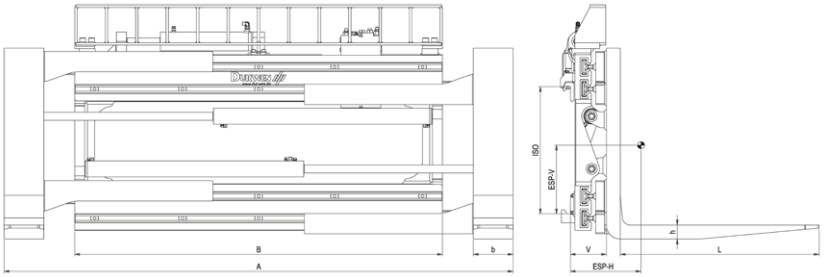
DURWEN Forklift Attachments

Sideshifting fork positioner

ZVP-S
ISO IV

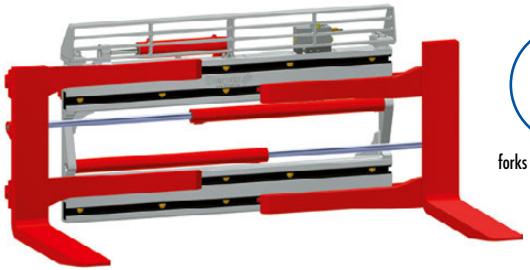
constant sideshift, bolt-on forks

The sideshifting fork positioner ZVP-S is designed to allow fork spread beyond the width of the carriage. This flexible feature is ideal in situations where space is important. A huge variety of loads can be handled with extreme efficiency. This strong and durable attachment has excellent visibility and minimised lost load centre with the use of innovative double T / E profiles. The attachment is equipped with constant sideshift and bolt-on forks as standard. Clamping of goods is not allowed with this attachment.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
ZVP 50-S	5,0/600	1090 1090 1090 1350	5000/600	IV	1350 1450 1550 1800	550-2060 550-2160 550-2260 550-2510	150x60x1200	+/- 100 +/- 100 +/- 160 +/- 160	179	200 198 196 194	309 310 314 316	870 890 910 950
ZVP 60-S	6,0/600	1090 1090 1350 1350 1350	6000/600		1450 1550 1750 1800 2000	550-2160 550-2260 550-2460 550-2510 550-2710	150x65x1200	+/- 100 +/- 160 +/- 160 +/- 160 +/- 160	179	215 210 205 200 195	310 311 313 314 315	890 910 960 975 1004
ZVP 80-S	7,0-8,0/600	1750 1800 1800 1800 1800 1800	8000/600		1750 1800 1850 1950 2000 2200	560-2460 560-2510 560-2560 560-2660 560-2710 560-2910	200x70x1200	+/- 160	182	217 216 215 214 212 207	329 328 327 325 322 331	1250 1267 1280 1310 1320 1350
ZVP 100-S	8,0/900	1800 1800 1800 1800 1800	8000/900		1950 2000 2100 2200 2400	560-2600 560-2650 560-2750 560-2850 560-3050	200x80x1200	+/- 160	198	210 212 215 220 225	332 331 330 329 328	1580 1600 1620 1650 1690
ZVP 110-S	8,0/1100	1800 1800	8000/1100		2200 2400	560-2850 560-3050	200x80x1200	+/- 160	216	220 215	328 326	1950 2220

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- with protection strip as standard
- load backrest type LS-K see page 247
- flow divider as standard



forks bolted from the rear

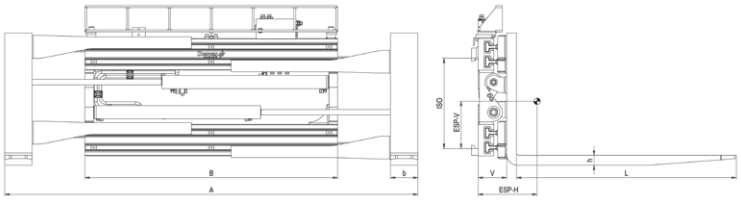
DURWEN Forklift Attachments

Sideshifting fork positioner

ZVP
ISO II/III

integral sideshift, bolt-on forks

The sideshifting fork positioner ZVP is designed to allow fork spread beyond the width of the carriage. This flexible feature is ideal in situations where space is important. A huge variety of loads can be handled with extreme efficiency. This strong and durable attachment has excellent visibility and minimised lost load centre with the use of innovative double T / E profiles. The attachment is equipped with integral sideshift and bolt-on forks as standard. Clamping of goods is not allowed with this attachment.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
ZVP 15*	1,0-1,5/500	720	1500/500	II	880	560-1610	100x35x1200	101	185	208	285	120
		860			980	560-1710			180	203	295	130
		890			1050	560-1780			177	201	300	140
ZVP 20	1,6-2,0/500	860	2000/500	II	980	560-1710	100x40x1200	106	190	198	315	145
		890			1050	560-1780			188	195	325	155
		990			1150	560-1880			187	192	335	165
ZVP 25	2,0-2,5/600	860	2500/600	II	980	560-1710	125x45x1200	131	238	185	390	245
		890			1050	560-1780			233	183	415	254
		890			1050	360-1380			233	179	395	245
		970			1080	560-1810			225	187	427	254
		990			1150	560-1880			230	186	430	260
		990			1150	420-1600			228	184	425	250
		990			1150	320-1400			227	182	400	230
		970			1200	560-1930			220	181	424	265
		980			1400	560-2130			215	180	456	270
ZVP 30	3,0/500	860	3000/500	III	980	560-1710	125x45x1200	131	238	226	420	239
		860			1000	560-1730			237	227	428	240
		890			1050	560-1780			236	229	435	263
		990			1150	560-1880			233	232	450	268
		990			1150	420-1600			212	230	439	253
		1040			1200	560-1930			206	233	461	268
		990			1300	560-2030			202	234	452	269
		1150			1350	560-2080			200	235	475	270
		1150			1450	560-2180			194	238	490	272
ZVP 35	3,0/600-3,5/500	990	3500/500	III	1150	560-1880	140x50x1200	136	238	222	495	314
		1070			1250	560-1980			235	224	513	315
		1150			1350	560-2080			233	226	525	316
ZVP 40	3,5-4,0/600	990	4000/500	III	1150	550-1860	140x50x1200	138	206	251	590	367
		1090			1250	550-1960			205	252	605	368
		1150			1350	550-2060			197	254	620	369
		1150			1450	550-2160			196	255	635	370
ZVP 45	4,5-5,0/500	990	5000/500	III	1150	550-1860	150x60x1200	148	235	242	660	433
		1090			1250	550-1960			231	243	680	441
		1150			1350	550-2060			224	245	705	450
		1150			1450	550-2160			220	246	720	450
		1350			1550	550-2260			216	248	735	452
ZVP 48	5,0/600	1150	5000/600	III	1350	550-2060	150x60x1200	158	224	247	735	482
		1350			1450	550-2160			220	249	755	490

- 2 hydraulic functions required
- includes hoses and couplings
- with protection strip as standard
- load backrest type LS-K see page 247
- flow divider as standard

*Forks longer 1600 mm cross section changes

type	forks b x h mm
ZVP 15	100x40

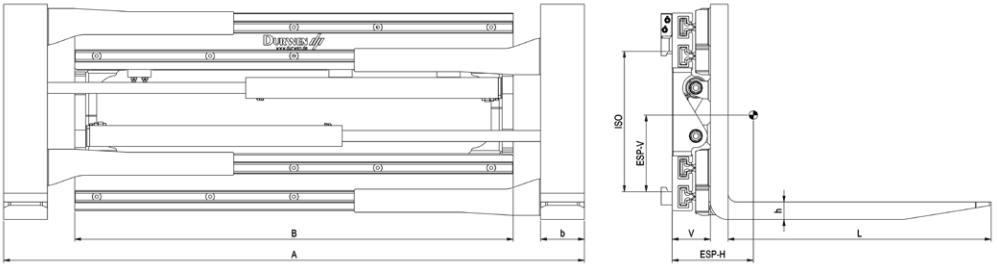
DURWEN Forklift Attachments

Sideshifting fork positioner

ZVP
ISO IV

integral sideshift, bolt-on forks

The sideshifting fork positioner ZVP is designed to allow fork spread beyond the width of the carriage. This flexible feature is ideal in situations where space is important. A huge variety of loads can be handled with extreme efficiency. This strong and durable attachment has excellent visibility and minimised lost load centre with the use of innovative double T / E profiles. The attachment is equipped with integral sideshift and bolt-on forks as standard. Clamping of goods is not allowed with this attachment.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
ZVP 50	5,0/600	1255 1320 1420 1640	5000/600	IV	1350 1450 1550 1800	550-2060 550-2160 550-2260 550-2510	150x60x1200	158	208 207 206 190	350 352 355 360	780 795 810 860	505 510 515 520
ZVP 60	6,0/600	1255 1320 1420 1600 1640 1640	6000/600	IV	1300 1450 1550 1750 1800 2000	550-2010 550-2160 550-2260 550-2460 550-2510 550-2710	150x65x1200	158	230 225 220 215 198 193	350 345 340 330 295 297	790 815 830 880 895 930	526 533 535 537 545 550
ZVP 80	7,0-8,0/600	1600 1600 1600 1600 1600 1600	8000/600	IV	1750 1800 1850 1950 2000 2200	560-2460 560-2510 560-2560 560-2660 560-2710 560-2910	200x70x1200	159	230 227 225 220 210 197	380 375 370 360 355 350	1190 1210 1220 1250 1260 1330	610 612 614 630 640 660
ZVP 100	8,0/900	1600 1600 1600 1600 1600	8000/900	IV	1950 2000 2100 2200 2400	560-2600 560-2650 560-2750 560-2850 560-3050	200x80x1200	175	225 222 220 215 209	389 385 381 371 360	1490 1493 1520 1560 1594	800 805 815 825 850
ZVP 110	8,0/1100	1600 1600	8000/1100	IV	2200 2400	560-2750 560-2950	200x80x1200	195	230 225	369 349	1990 2120	830 850

- 2 hydraulic functions required
- includes hoses and couplings
- load backrest type LS-K see page 247
- flow divider as standard

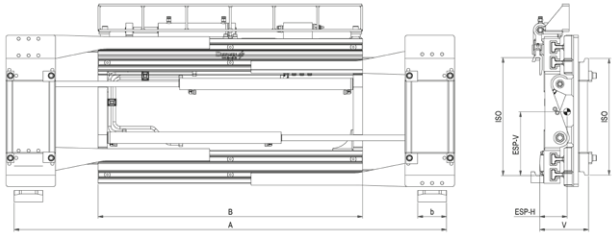
DURWEN Forklift Attachments

Sideshifting fork positioner

ZVP-AS
ISO II/III

constant sideshift, ISO 2328 adaptors

The sideshifting fork positioner ZVP-AS allows the use of standard forklift truck forks and is designed to allow fork spread beyond the width of the carriage. This flexible feature is ideal in situations where space is important. This strong and durable attachment has excellent visibility and minimised lost load centre with the use of innovative double T / E profiles. The attachment is equipped with constant sideshift and bolt-on ISO adaptors for standard hook-on forks.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	sideshift mm	b for forks mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
ZVP 15-AS	1,0-1,5/500	730	1500/500	II	980	560-1710	+/- 100	80-140	171	80	258	262
		900			1050	560-1780				77	256	270
ZVP 20-AS	1,6-2,0/500	730	2000/500	II	980	560-1710	+/- 100	80-150	176	81	252	270
		900			1050	560-1780				78	250	278
		900			1150	560-1880				68	248	288
ZVP 25-AS	2,0-2,5/600	730	2500/600	II	980	560-1710	+/- 100	80-150	201	87	253	330
		900			1050	560-1780				86	254	340
		900			1080	560-1810				86	254	345
		900			1150	560-1880				85	253	360
		900			1150	400-1560				83	255	365
		900			1200	560-1930				82	256	368
		980			1400	560-2130				82	257	392
ZVP 30-AS	3,0/500	730	3000/500	III	980	560-1710	+/- 100	100-150	211	91	307	350
		730			1000	560-1730				91	304	356
		900			1050	560-1780				90	306	365
		900			1150	560-1880				88	305	385
		900			1150	420-1600				88	307	370
		900			1200	560-1930				88	305	392
		900			1300	560-2030				87	305	402
		980			1350	560-2080				87	304	420
		1020			1450	560-2180				85	304	450
ZVP 35-AS	3,0/600-3,5/500	980	3500/500	III	1150	560-1880	+/- 100	100-150	217	91	308	395
		980			1250	560-1980				90	307	407
		980			1350	560-2080				88	306	415
ZVP 40-AS	3,5-4,0/600	1050	4000/500	III	1150	550-1860	+/- 100	100-150	224	91	327	485
		1050			1250	550-1960				89	326	510
		1050			1350	550-2060				88	325	535
		1150			1450	550-2160				87	324	560
ZVP 45-AS	4,5-5,0/500	1050	5000/500	III	1250	550-1960	+/- 100	100-150	234	94	328	545
		1050			1350	550-2060				93	327	565
		1150			1450	550-2160				92	326	580
		1150			1550	550-2260				91	325	595
ZVP 48-AS	5,0/600	1050	5000/600	III	1350	550-2060	+/- 100	100-160	249	101	324	610
		1150			1450	550-2160	+/- 100			100	323	625
		1150			1550	550-2260	+/- 160			105	322	640

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- with protection strip as standard
- load backrest type LS-K see page 247
- forks not included, use hook-on forks ISO 2328
- flow divider as standard

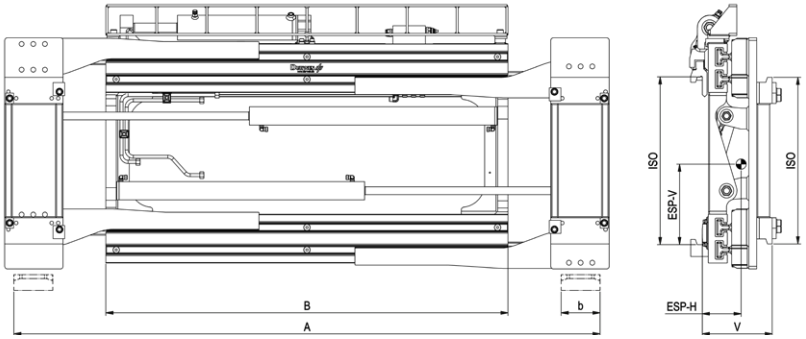
DURWEN Forklift Attachments

Sideshifting fork positioner

ZVP-AS
ISO IV

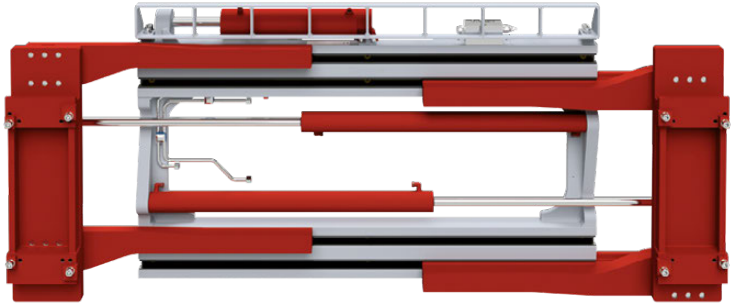
constant sideshift, ISO 2328 adaptors

The sideshifting fork positioner ZVP-AS allows the use of standard forklift truck forks and is designed to allow fork spread beyond the width of the carriage. This flexible feature is ideal in situations where space is important. This strong and durable attachment has excellent visibility and minimised lost load centre with the use of innovative double T / E profiles. The attachment is equipped with constant sideshift and bolt-on ISO adaptors for standard hook-on forks.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	sideshift mm	b for forks mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
ZVP 50 AS	5,0/600	1090 1090 1090 1150	5000/600	IV	1350 1450 1550 1800	550-2060 550-2160 550-2260 550-2510	+/- 100 +/- 100 +/- 160 +/- 160	100-160	270	102 101 98 95	394 392 390 388	730 745 755 810
ZVP 60 AS	6,0/600	1090 1350	6000/600	IV	1550 1750	550-2260 550-2460	+/- 160	130-200	270	99 98	391 381	760 795
ZVP 80 AS	7,0-8,0/600	1750 1800	8000/600	IV	1750 1850	560-2460 560-2560	+/- 160	150-200	290	155 154	468 458	1235 1275

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- with protection strip as standard
- load backrest type LS-K see page 247
- flow divider as standard
- forks not included, use hook-on forks ISO 2328



for hook-on forks according to ISO 2328

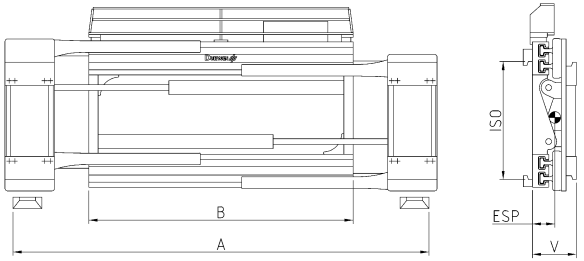
DURWEN Forklift Attachments

Sideshifting fork positioner

ZVP-A

integral sideshift, ISO adaptors

The sideshifting fork positioner ZVP-A allows the use of standard forklift truck forks and is designed to allow fork spread beyond the width of the carriage. This flexible feature is ideal in situations where space is important. This strong and durable attachment has excellent visibility and minimised lost load centre with the use of innovative double T / E profiles. The attachment is equipped with integral sideshift and bolt-on ISO adaptors for standard hook-on forks. Fully open or closed no sideshift.



type	lift truck to LC mm	min. carriage mm	capacity kg/mm LC	ISO	B mm	A OTO mm	b for forks mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
ZVP 15-A	1,0-1,5/500	860 990	1500/500	II	980 1050	560-1710 560-1780	80-140	156	82 79	260 258	252 260	129 130
ZVP 20-A	1,0-2,0/500	860 990 990	2000/500	II	980 1050 1150	560-1710 560-1780 560-1880	80-140	161	81 80 79	259 257 255	260 268 278	139 140 140
ZVP 25-A	2,0-2,5/600	860 860 970 990 990 970 980	2500/600	II	980 1050 1080 1150 1150 1200 1400	560-1710 560-1780 560-1810 560-1880 420-1600 560-1930 560-2130	80-150	184	75 74 74 73 72 72 70	254 252 251 250 249 248 247	315 325 340 345 350 365 380	167 171 171 176 176 177 178
ZVP 30-A	3,0/500	860 930 890 990 990 1040 990 1150 1150	3000/500	III	980 1000 1050 1150 1150 1200 1300 1350 1450	560-1710 560-1730 560-1780 560-1880 420-1600 560-1930 560-2030 560-2080 560-2180	80-150	194	78 77 76 75 74 74 73 73 71	305 306 307 308 309 310 311 312 313	335 340 350 370 355 375 395 405 425	183 183 187 193 177 193 193 194 194
ZVP 35-A	3,0/600- 3,5/500	990 1070 1150	3500/500	III	1150 1250 1350	560-1880 560-1980 560-2080	100-150	200	77 76 75	305 304 304	380 392 405	202 202 203
ZVP 40-A	3,5/600- 4,0/500	990 1090 1150 1150	4000/500	III	1150 1250 1350 1450	550-1860 550-1960 550-2060 550-2160	100-150	207	78 77 76 75	322 321 320 318	465 490 510 536	251 251 266 267
ZVP 45-A	4,0/600- 5,0/500	1090 1150 1150 1350	5000/500	III	1250 1350 1450 1550	550-1960 550-2060 550-2160 550-2260	100-150	217	81 80 79 78	321 320 319 318	525 540 555 570	276 292 293 293
ZVP 48-A	5,0/600	1150	5000/600	III	1350 1450	550-2060 550-2160	100-150	232	88 87	320 318	575 610	337 339

- 2 hydraulic functions required
- includes hoses and couplings
- load backrest type LS-K see page 247
- protection strip as standard
- if no sideshift required indicate on your order
- no clamping allowed
- forks not included, use hook-on forks ISO 2328

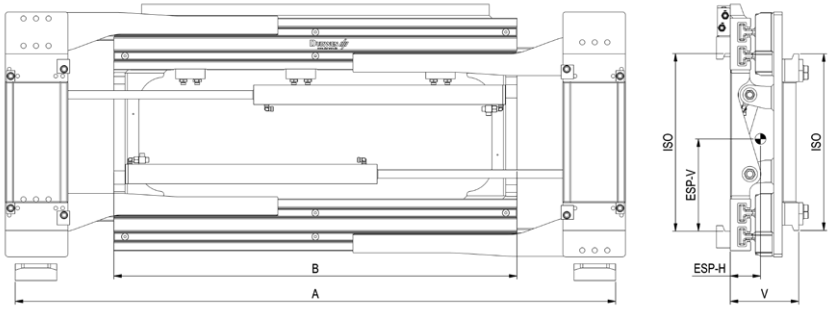
DURWEN Forklift Attachments

Sideshifting fork positioner

ZVP-A

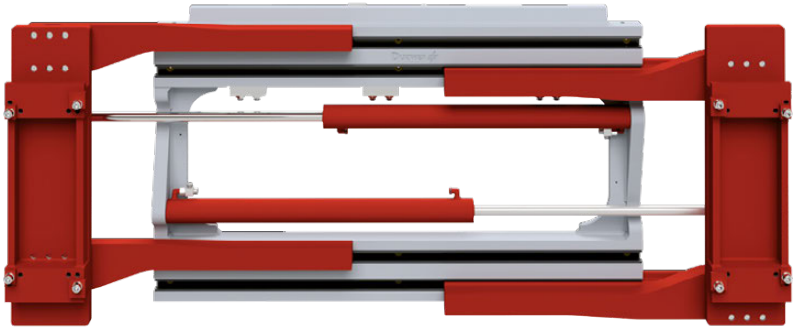
integral sideshift, ISO adaptors

The sideshifting fork positioner ZVP-A allows the use of standard forklift truck forks and is designed to allow fork spread beyond the width of the carriage. This flexible feature is ideal in situations where space is important. This strong and durable attachment has excellent visibility and minimised lost load centre with the use of innovative double T / E profiles. The attachment is equipped with integral sideshift and bolt-on ISO adaptors for standard hook-on forks. Fully open or closed no sideshift.



type	lift truck to LC mm	min. carriage mm	capacity kg/mm LC	ISO	B mm	A OTO mm	b for forks mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
ZVP 50-A	5,0/600	1255 1320 1420 1640	5000/600	IV	1350 1450 1550 1800	550-2060 550-2160 550-2260 550-2510	100-160	249	87 84 83 80	379 377 376 378	680 695 705 770	377 378 379 380
ZVP 60 A	6,0/600	1420 1640	6000/600	IV	1550 1750	550-2260 550-2460	130-120	249	79 78	375 374	707 755	380 386
ZVP 80 A	7,0-8,0/600	1640 1640	8000/600	IV	1750 1850	560-2460 560-2560	150-200	269	125 120	450 445	1170 1210	590 600

- 2 hydraulic functions required
- includes hoses and couplings
- load backrest type LS-K see page 247
- if no sideshift required indicate on your order
- no clamping allowed
- forks not included, use hook-on forks ISO 2328



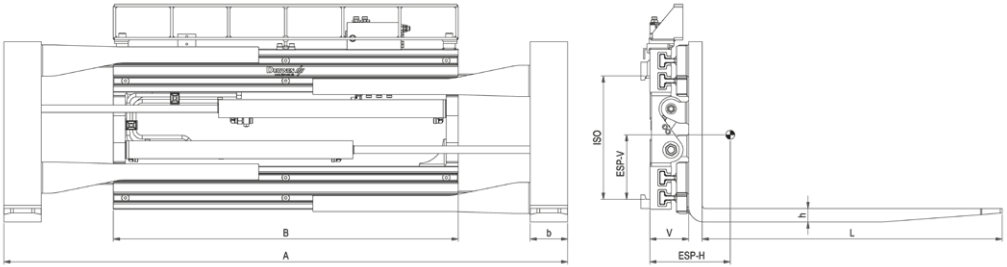
DURWEN Forklift Attachments

Wide opening fork positioner for reach trucks

ZVP

no sideshift, bolt-on forks

The fork positioner ZVP can spread the forks beyond the frame width. It is ideal for long goods or very wide pallets. This model range features a small frame that supports the configuration of reach trucks. Clamping of goods is not allowed.

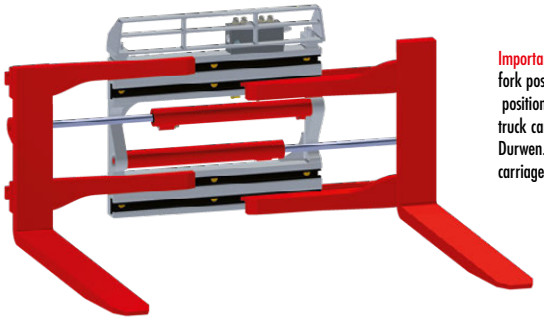


type	lift truck to LC mm	min. carriage top/bottom mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg
ZVP 15*	1,0-1,5/500	640/640 680/600 700/680 780/730	1500/500	II	720 750 800 880	560-1450 560-1480 560-1530 560-1610	100x35x1200	101	200 195 189 185	185 178 173 170	255 270 282 290
ZVP 20	1,6-2,0/500	640/640 680/600 700/680 780/730	2000/500		720 750 800 880	560-1450 560-1480 560-1530 560-1610	100x40x1200	106	210 205 198 195	182 175 170 167	270 285 297 305
ZVP 25	2,0-2,5/600	640/640 680/600 700/680 780/730 780/730	2500/600		720 750 800 880 880	560-1450 560-1480 560-1530 560-1610 380-1250	125x45x1200	131	252 249 246 242 240	175 170 164 160 158	355 358 363 375 357

- 1 hydraulic function required (2 hydraulic functions with integral sideshift)
- includes hoses and couplings
- protection strip as standard
- integral sideshift upon request
- no clamping allowed
- LLC spacer kit upon request (can increase LLC in steps up to 50 mm)
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- maximum fork length type ZVP-H 1200 mm, other length upon request
- longer fork drop for ZVP 15, 20 and 25 upon request
- load backrest type LS-K see page 247

*Forks longer 1600 mm cross section changes

type	forks b x h mm
ZVP 15	100x40



Important note: The reach truck must be equipped with a collision prevention that prevents collision of fork positioner parts with the wheel legs or parts of the reach truck. This means usually that for positioning and sideshift must be shut off with the attachment between the wheel legs. The reach truck carriage design must accommodate the mounting of an attachment. A spacer kit is available from Durwen. It allows the extension of the attachment mounting up to 50 mm giving extra space for carriage parts or reach truck parts that may protrude into the attachment mounting or operation space.

DURWEN Forklift Attachments

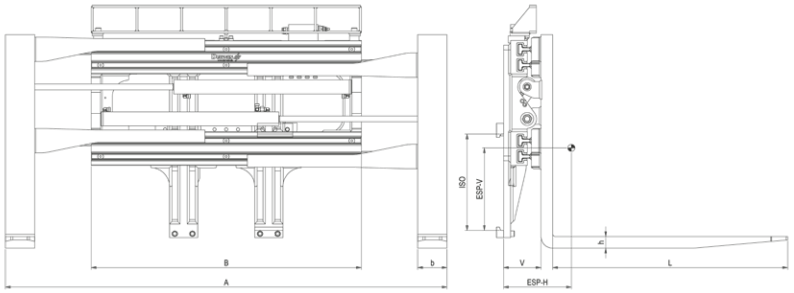
Wide opening fork positioner

ZVP-H

for reach trucks, enlarged ground clearance , no loss of lift height

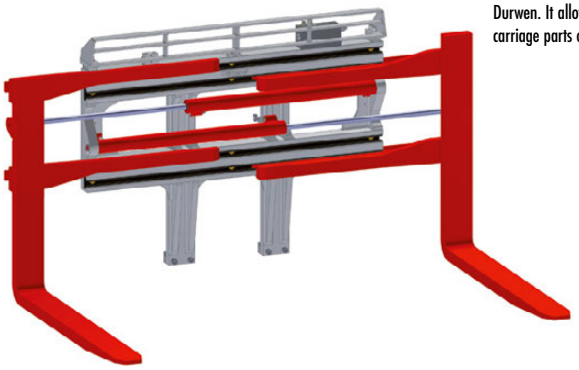
no sideshift, bolt-on forks

The **fork positioner ZVP-H** can spread the forks beyond the frame width. It is ideal for long goods or very wide pallets. Due to the enlarged ground clearance the attachment frame is above the reach truck wheel legs. With the mounting being designed to meet the regular mounting height of the reach truck no lift height will be lost. Clamping of goods is not allowed.



type	lift truck to LC mm	min. carriage top/bottom mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
ZVP 15-H	1,0-1,5/500	565/485 565/485 565/485 565/485	1500/500	II	1150 1200 1250 1350	560-1880 560-1930 560-1980 560-2080	100x45x1200	155	215 213 210 205	440 438 430 425	530 540 545 560
ZVP 25-H	1,6-2,5/600	565/485 565/485 632/550 632/550	2500/600		1150 1200 1250 1350	560-1880 560-1930 560-1980 560-2080	125x50x1200	160	213 212 211 207	430 428 420 415	580 590 595 610

- 1 hydraulic function required
  (2 hydraulic functions with integral sideshift)
- includes hoses and couplings
- protection strip as standard
- integral sideshift upon request
- no clamping allowed
- LLC spacer kit upon request (can increase LLC in steps up to 50 mm)
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- maximum fork length type ZVP-H 1200 mm, other length upon request
- longer fork drop for ZVP 15 and 25 upon request
- load backrest type LS-K see page 247



Important note: The reach truck must be equipped with a collision prevention that prevents collision of fork positioner parts with the wheel legs or parts of the reach truck. This means usually that for positioning and sideshift must be shut off with the attachment between the wheel legs. The reach truck carriage design must accommodate the mounting of an attachment. A spacer kit is available from Durwen. It allows the extension of the attachment mounting up to 50 mm giving extra space for carriage parts or reach truck parts that may protrude into the attachment mounting or operation space.

DURWEN Forklift Attachments

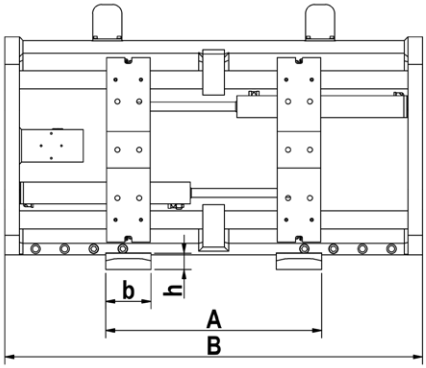
Fork positioner type ZVW-G

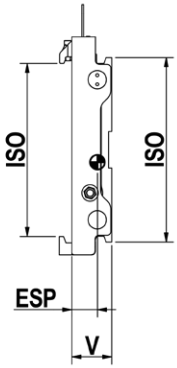
Fork positioner

ZVW
ISO II

integral sideshift, no forks

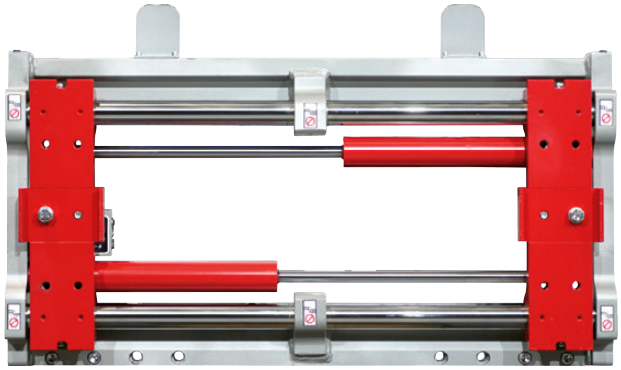
The high-performance fork positioner ZVW offers outstanding durability and excellent visibility. The double chrome axis guideways are particularly clean and enables precise fork positioning due to high-quality hydraulics. Standard forks with ISO mounting or bolt-on forks may be used. The integral sideshift operates depending on fork position. This means that only the fork carriers move inside the static frame.



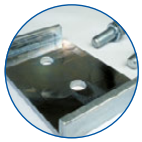


type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	B mm	opening range A OTO mm	b forks mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
ZVW 25	1,5 - 2,5/500	660 690 760 810 960	2500/500	980 1040 1150 1200 1350	320-880 320-940 320-1050 320-1100 320-1250	120	107	47 47 46 46 45	221 222 222 222 223	141 151 160 165 176	35
ZVW 28	2,5/600	690 760 810 960	2500/600	1040 1150 1200 1350	320-940 320-1050 320-1100 320-1250			47 46 46 45	221 222 222 223	151 160 165 176	35

- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve, depending on opening range
- also for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- please indicate fork width when ordering
- load backrest/protection strip type LS-RP see page 248
- if you don't want sideshift notify us on your order



option: protection strip



fork lock

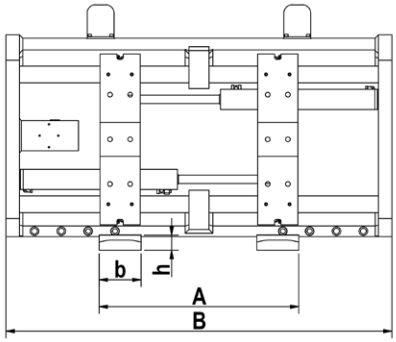
DURWEN Forklift Attachments

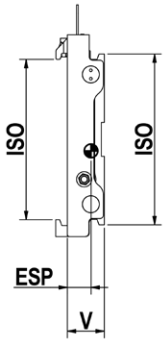
Fork positioner

ZVW
ISO III

integral sideshift, no forks

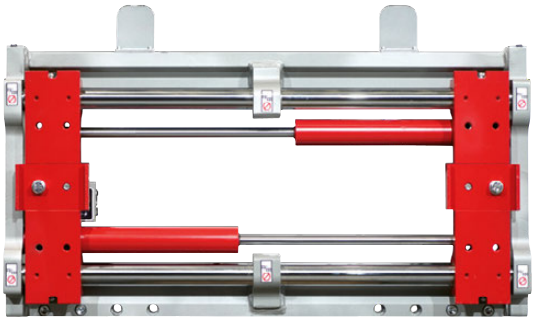
The high-performance fork positioner ZVW offers outstanding durability and excellent visibility. The double chrome axis guideways are particularly clean and enables precise fork positioning due to high-quality hydraulics. Standard forks with ISO mounting or bolt-on forks may be used. The integral sideshift operates depending on fork position. This means that only the fork carriers move inside the static frame.



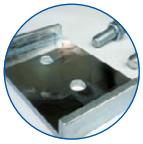


type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	B mm	A mm OTO	b forks mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
ZVW 30	3,0/500	690 760 810 910 960	3000/500	1040 1150 1200 1300 1350	320-940 320-1050 320-1100 320-1200 320-1250	120	110	48 46 46 45 45	269 270 270 271 271	184 193 198 209 214	38
ZVW 35	3,0/600-3,5/500	760 810 910 960	3500/500	1150 1200 1300 1350	320-1050 320-1100 320-1200 320-1250	120	110	46 46 45 45	270 270 271 271	193 198 209 214	38
ZVW 45	3,5/600-5,0/600	760 860 910 960 1060 1260	5000/600	1150 1250 1350 1450 1550 1750	370-1050 370-1150 370-1250 370-1350 370-1450 370-1650	140	133	57 57 56 56 55 54	261 262 262 262 262 263	262 277 292 310 328 358	46

- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve, depending on opening range
- also for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- please indicate fork width when ordering
- load backrest/protection strip type LS-RP see page 248
- if you don't want sideshift notify us on your order



option: protection strip



fork lock

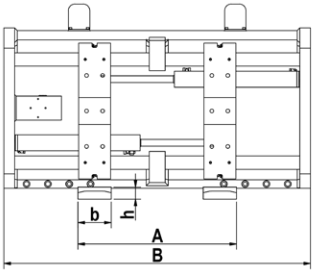
DURWEN Forklift Attachments

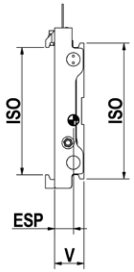
Fork positioner

ZVW
ISO IV

integral sideshift, no forks

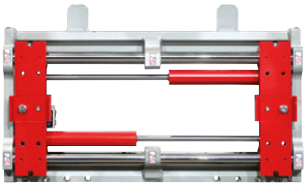
The high-performance fork positioner ZVW offers outstanding durability and excellent visibility. The double chrome axis guideways are particularly clean and enables precise fork positioning due to high-quality hydraulics. Standard forks with ISO mounting or bolt-on forks may be used. The integral sideshift operates depending on fork position. This means that only the fork carriers move inside the static frame.





type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm OTO	b forks mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
ZVW 50	5,0/600	880 880 930 1030	5000/600	IV	1250 1350 1450 1550	370-1150 370-1250 370-1350 370-1450	140	133	53 52 51 50	327 328 330 330	359 376 393 410	60
ZVW 55	5,5/600	880 880 930 1030	5500/600		1250 1350 1450 1550	370-1150 370-1250 370-1350 370-1450	140	133	56 56 56 56	327 328 330 330	369 386 403 420	60
ZVW 60	6,0/600	1015 1080 1240	6000/600		1460 1660 1860	380-1340 380-1540 380-1740	150	143	58 57 56	328 330 331	462 489 516	75
ZVW 70	6,5-7,0/600	990 1080 1240 1440	7000/600		1460 1660 1860 2060	380-1340 380-1540 380-1740 380-1940	150	170	69 68 68 67	327 328 329 331	571 615 662 720	91
ZVW 80	8,0/600	990 1180 1295 1340 1440 1540 1750	8000/600		1460 1800 1860 2060 2160 2260 2400	480-1340 480-1680 480-1740 480-1940 480-2040 480-2140 480-2280	200	170	71 71 70 69 69 69 68	325 327 327 327 328 328 330	585 673 688 740 768 795 830	121
ZVW 100	8,0/900	1200 1250 1340 1440 1540 1680	8000/900		1800 1860 2060 2160 2260 2400	480-1680 480-1740 480-1940 480-2040 480-2140 480-2280	200	195	78 78 78 78 77 77	334 334 334 335 335 335	910 930 936 996 1066 1120	130
ZVW 110	8,0/1100	1550 1700 1750	8000/1100		2060 2260 2400	480-1940 480-2140 480-2280	200	210	86 85 84	332 334 336	1071 1150 1200	142

- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve, depending on opening range
- also for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- please indicate fork width when ordering
- load backrest/protection strip type LS-RP see page 248
- if you don't want sideshift notify us on your order



option: protection strip

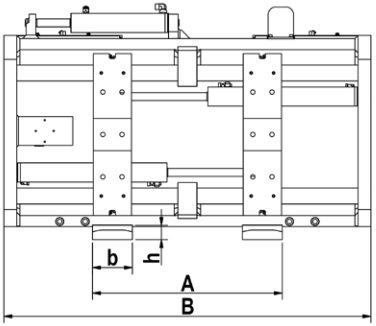
DURWEN Forklift Attachments

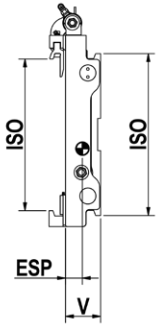
Fork positioner

ZVW-S
ISO II

constant sideshift, no forks

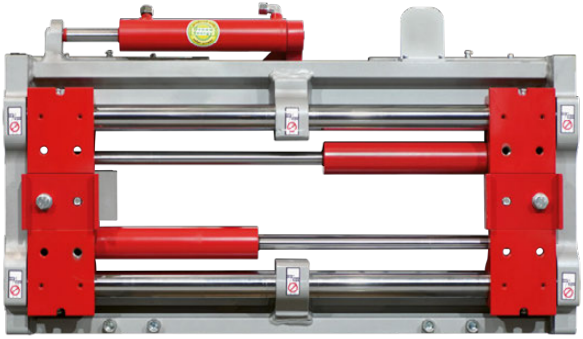
The high-performance fork positioner ZVW-S offers outstanding durability and excellent visibility. The double chrome axis guideways are particularly clean and enables precise fork positioning due to high-quality hydraulics. Standard forks with ISO mounting or bolt-on forks may be used. The constant sideshift operates at every fork position. This means that a separate cylinder moves the complete frame.

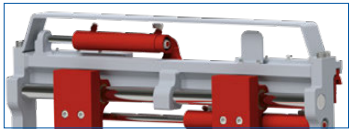




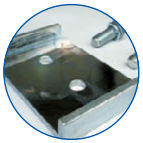
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	B mm	A mm OTO	b forks mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
ZVW 20-S	1,0-2,0/500	810 820 930	2000/500	980 1040 1150	320-880 320-940 320-1050	120	+/- 100	124	53 53 52	240 240 241	181 191 203
ZVW 25-S	2,0/600-2,5/500	810 820 930 980 1130	2500/500	980 1040 1150 1200 1350	320-880 320-940 320-1050 320-1100 320-1250				53 52 52 52 51	241 242 242 241 241	185 192 204 210 225
ZVW 28-S	2,5/600	820 930 980 1130	2500/600	1040 1150 1200 1350	320-940 320-1050 320-1100 320-1250				52 52 52 51	242 242 241 240	192 204 210 225

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- also for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- please indicate fork width when ordering
- load backrest/protection strip type LS-RP see page 248





option: protection strip



fork lock

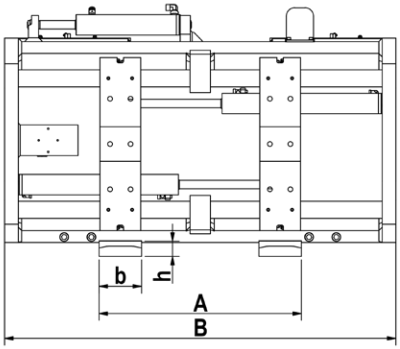
DURWEN Forklift Attachments

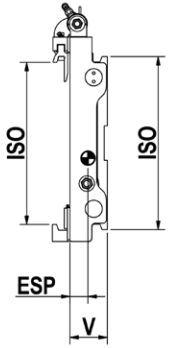
Fork positioner

ZVW-S
ISO III

constant sideshift, no forks

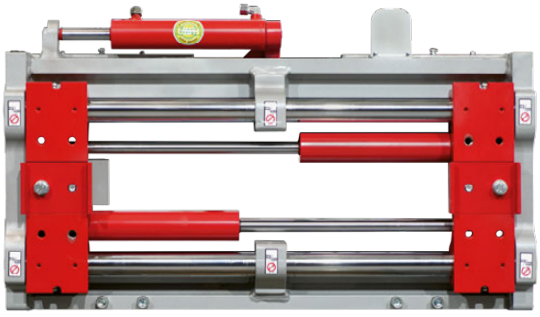
The high-performance fork positioner ZVW-S offers outstanding durability and excellent visibility. The double chrome axis guideways are particularly clean and enables precise fork positioning due to high-quality hydraulics. Standard forks with ISO mounting or bolt-on forks may be used. The constant sideshift operates at every fork position. This means that a separate cylinder moves the complete frame.

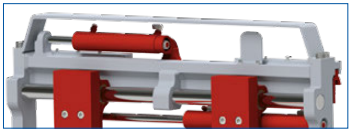




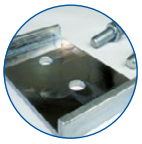
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm OTO	b forks mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
ZVW 30-S	3,0/500	820 930 980 1080 1130	3000/500	III	1040 1150 1200 1300 1350	320-940 320-1050 320-1100 320-1200 320-1250	120	+/- 100	127	54 54 54 54 54	296 296 296 295 295	208 219 228 238 244
ZVW 35-S	3,0/600- 3,5/500	930 980 1080 1130	3500/500		1150 1200 1300 1350	320-1050 320-1100 320-1200 320-1250	120		127	55 55 54 54	296 296 295 295	222 228 239 244
ZVW 45-S	3,5-5,0/600	1020 1080 1130 1180 1280 1480	5000/600		1150 1250 1350 1450 1550 1750	370-1050 370-1150 370-1250 370-1350 370-1450 370-1650	140		150	66 66 65 65 64 64	292 291 292 292 291 290	303 320 336 353 370 402

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- also for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- please indicate fork width when ordering
- load backrest/protection strip type LS-RP see page 248





option: protection strip



fork lock

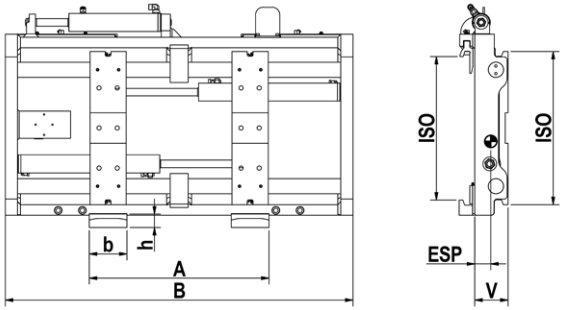
DURWEN Forklift Attachments

Fork positioner

ZVW-S
ISO IV

constant sideshift, no forks

The high-performance fork positioner ZVW-S offers outstanding durability and excellent visibility. The double chrome axis guideways are particularly clean and enables precise fork positioning due to high-quality hydraulics. Standard forks with ISO mounting or bolt-on forks may be used. The constant sideshift operates at every fork position. This means that a separate cylinder moves the complete frame.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm OTO	b forks mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
ZVW 50-S	5,0/600	1050 1100 1150 1230	5000/600	IV	1250 1350 1450 1550	370-1150 370-1250 370-1350 370-1450	140	+/- 100	156	61 61 61 61	388 385 386 386	419 437 455 473
ZVW 55-S	5,5/600	1050 1100 1150 1230	5500/600		1250 1350 1450 1550	370-1150 370-1250 370-1350 370-1450	140	+/- 100	156	63 63 63 63	388 385 386 386	429 447 465 483
ZVW 60-S	6,0/600	1150 1420 1580	6000/600		1460 1660 1860	380-1340 380-1540 380-1740	150	+/- 100 +/- 160 +/- 160	166	65 65 65	382 384 387	560 595 630
ZVW 70-S	6,5-7,0/600	1210 1420 1580 1680	7000/600		1460 1660 1860 2060	380-1340 380-1540 380-1740 380-1940	150	+/- 100 +/- 160 +/- 160 +/- 160	193	79 79 79 79	374 376 378 380	682 730 776 822
ZVW 80-S	8,0/600	1210 1520 1580 1680 1680 1780 1980	8000/600		1460 1800 1860 2060 2160 2260 2400	480-1340 480-1680 480-1740 480-1940 480-2040 480-2140 480-2280	200	+/- 100 +/- 160 +/- 160 +/- 160 +/- 160 +/- 160 +/- 160	193	83 82 82 81 81 81 81	373 374 374 376 376 375 374	685 785 802 866 890 915 950
ZVW 100-S	8,0/900	1580 1580 1680 1680 1780 1980	8000/900		1800 1860 2060 2160 2260 2400	480-1680 480-1740 480-1940 480-2040 480-2140 480-2280	200	+/- 160	210	95 95 95 95 95 93	269 271 277 278 280 282	1010 1030 1090 1120 1150 1198
ZVW 110-S	8,0/1100	1680 1780 1980	8000/1100		2060 2260 2400	480-1940 480-2140 480-2280	200	+/- 160	233	100 101 101	364 363 362	1165 1230 1280

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- also for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- please indicate fork width when ordering
- load backrest/protection strip type LS-RP see page 248

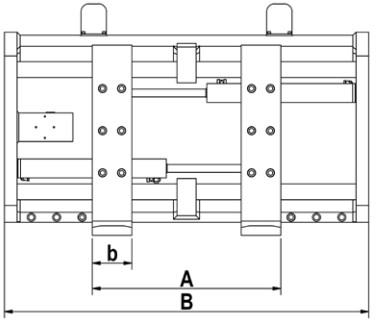
DURWEN Forklift Attachments

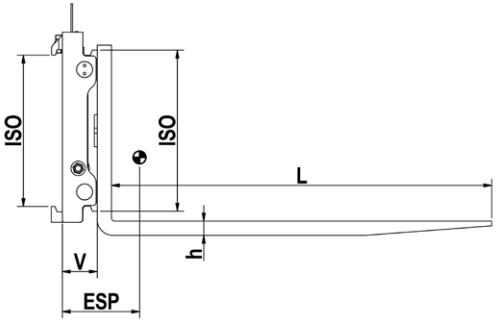
Fork positioner

ZVW-G
ISO II

integral sideshift, bolt-on forks

The high-performance fork positioner ZVW-G offers outstanding durability and excellent visibility. The double chrome axis guideways are particularly clean and enables precise fork positioning due to high-quality hydraulics. The bolt-on forks are firmly attached to the carriers and provide smooth running and precision even in quick operation. The integral sideshift operates depending on fork position. This means that only the fork carriers move inside the static frame.

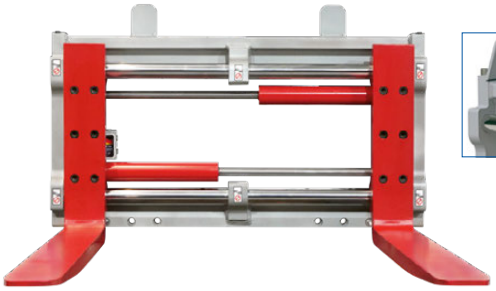


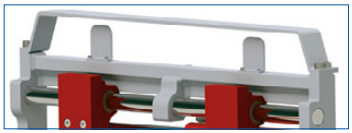


type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm OTO	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
ZVW 16-G*	1,0-1,6/500	500 660 690	1600/500	II	850 980 1040	300-730 300-860 300-920	100x40x1200	107	239 232 228	134 138 140	227 240 244	141
ZVW 20-G*	1,8-2,0/500	500 660 690 760	2000/500		850 980 1040 1150	300-730 300-860 300-920 300-1030	100x45x1200		255 249 245 240	129 133 135 138	245 252 257 264	143
ZVW 25-G*	2,0/600- 2,5/500	660 690 760 810 960	2500/500		980 1040 1150 1200 1350	320-880 320-940 320-1050 320-1100 320-1250	120x40x1200		261 257 250 247 238	128 130 133 135 139	261 266 275 280 292	151
ZVW 28-G*	2,5/600	690 760 810 960	2500/600		1040 1150 1200 1350	325-945 325-1055 325-1105 325-1255	125x45x1200		275 268 260 238	123 126 128 132	286 295 300 311	171

- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve, depending on opening range
- features bolt-on forks as standard

- also for hook-on forks ISO 2328
- load backrest/protection strip type LS-RP see page 248
- if you don't want sideshift notify us on your order





option: protection strip

*Forks longer 1600 mm cross section changes	
type	forks b x h mm
ZVW 16-G	100x50
ZVW 20-G	100x50
ZVW 25-G	120x50
ZVW 28-G	125x50

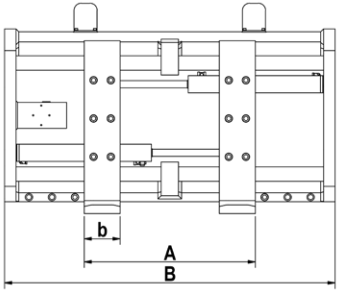
DURWEN Forklift Attachments

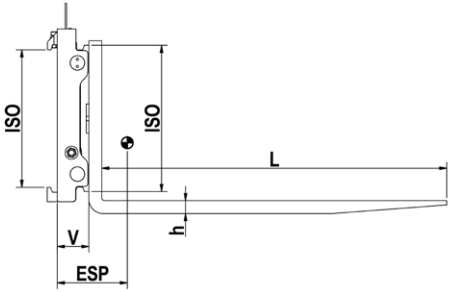
Fork positioner

ZVW-G
ISO III

integral sideshift, bolt-on forks

The high-performance fork positioner ZVW-G offers outstanding durability and excellent visibility. The double chrome axis guideways are particularly clean and enables precise fork positioning due to high-quality hydraulics. The bolt-on forks are firmly attached to the carriers and provide smooth running and precision even in quick operation. The integral sideshift operates depending on fork position. This means that only the fork carriers move inside the static frame.

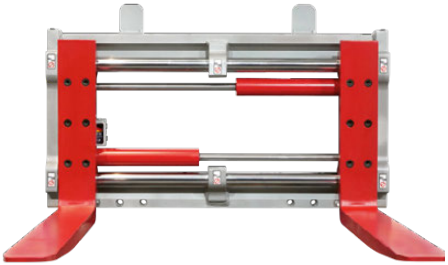




type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm OTO	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
ZVW 30-G*	3,0/500	690 760 810 910 960	3000/500	III	1040 1150 1200 1300 1350	325-945 325-1055 325-1105 325-1205 325-1255	125x45x1200	110	245 243 240 235 231	170 172 174 177 179	328 338 343 353 358	184
ZVW 35-G	3,0/600-3,5/500	760 810 910 960	3500/500		1150 1200 1300 1350	340-1070 340-1120 340-1220 340-1270	140x50x1200	110	268 265 259 255	162 163 166 168	373 378 389 394	220
ZVW 40-G	3,5/600-4,0/500	760 810 860 910 960 1060 1260	4000/500		1150 1200 1250 1350 1450 1550 1750	370-1050 370-1100 370-1150 370-1250 370-1350 370-1450 370-1650	140x50x1200	133	249 248 247 246 244 241 238	175 177 179 180 182 184 189	441 450 460 477 495 513 540	228
ZVW 45-G	4,0/600-5,0/600	760 860 910 960 1060 1260	5000/600		1150 1250 1350 1450 1550 1750	380-1060 380-1160 380-1260 380-1360 380-1460 380-1660	150x60x1200	133	276 270 263 257 251 240	163 166 169 172 174 179	497 512 528 543 558 593	276

- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve, depending on opening range

- features bolt-on forks as standard
- also for hook-on forks ISO 2328
- load backrest/protection strip type LS-RP see page 248
- if you don't want sideshift notify us on your order



option: protection strip

*Forks longer 1600 mm cross section changes

type	forks b x h mm
ZVW 30-G	125x50

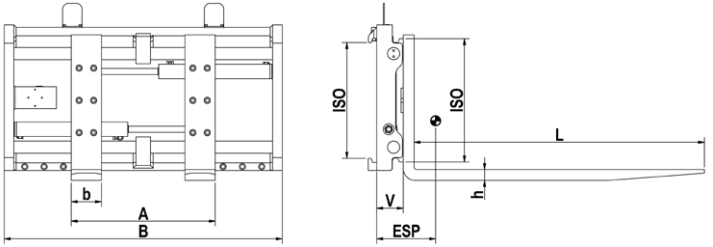
DURWEN Forklift Attachments

Fork positioner

ZVW-G
ISO IV

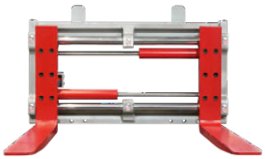
integral sideshift, bolt-on forks

The high-performance fork positioner ZVW-G offers outstanding durability and excellent visibility. The double chrome axis guideways are particularly clean and enables precise fork positioning due to high-quality hydraulics. The bolt-on forks are firmly attached to the carriers and provide smooth running and precision even in quick operation. The integral sideshift operates depending on fork position. This means that only the fork carriers move inside the static frame.

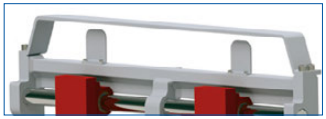


type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm OTO	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
ZVW 50-G	5,0/600	880 880 930 1030	5000/600	IV	1250 1350 1450 1550	370-1150 380-1260 380-1360 380-1460	150x70x1200	133	232 227 222 217	213 217 220 223	624 641 658 675	346
ZVW 55-G	5,5/600	880 880 930 1030	5500/600		1250 1350 1450 1550	380-1160 380-1260 380-1360 380-1460	150x70x1200	133	234 229 224 219	213 217 220 223	634 651 668 685	346
ZVW 60-G	6,0/600	1015 1080 1240	6000/600		1460 1660 1860	380-1340 380-1540 380-1740	150x70x1200	143	222 214 205	230 236 241	747 785 822	361
ZVW 70-G	6,5-7,0/600	990 1080 1240 1440	7000/600		1460 1660 1860 2060	380-1340 380-1540 380-1740 380-1940	150x70x1200	170	220 210 201 190	241 246 251 256	857 900 948 1000	377
ZVW 80-G	8,0/600	990 1180 1295 1340 1440 1540 1750	8000/600		1460 1800 1860 2060 2160 2260 2400	480-1340 480-1680 480-1740 480-1940 480-2040 480-2140 480-2280	200x70x1200	170	260 224 240 232 228 224 220	220 228 229 234 236 238 240	995 1075 1090 1142 1170 1198 1230	521
ZVW 100-G	8,0/900	1200 1250 1340 1440 1540 1680	8000/900		1800 1860 2060 2160 2260 2400	480-1680 480-1740 480-1940 480-2040 480-2140 480-2280	200x80x1200	195	237 236 230 227 225 220	243 246 250 252 255 258	1375 1395 1465 1500 1535 1590	586
ZVW 110-G	8,0/1100	1550 1700 1750	8000/1100		2060 2260 2400	480-1940 480-2140 480-2280	200x80x1200	210	235 225 220	249 258 262	1540 1615 1670	598

- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve, depending on opening range



- features bolt-on forks as standard
- also for hook-on forks ISO 2328



option: protection strip

- load backrest/protection strip type LS-RP see page 248
- if you don't want sideshift notify us on your order

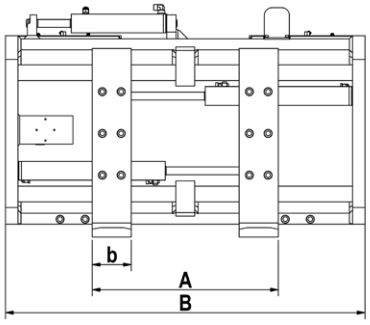
DURWEN Forklift Attachments

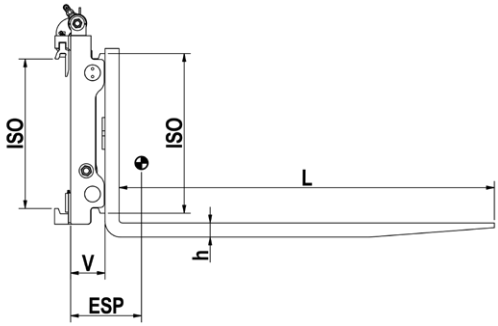
Fork positioner

ZVW-GS
ISO II

constant sideshift, bolt-on forks

The high-performance fork positioner ZVW-GS offers outstanding durability and excellent visibility. The double chrome axis guideways are particularly clean and enables precise fork positioning due to high-quality hydraulics. The bolt-on forks are firmly attached to the carriers and provide smooth running and precision even in quick operation. The constant sideshift operates at every fork position. This means that a separate cylinder moves the complete frame.

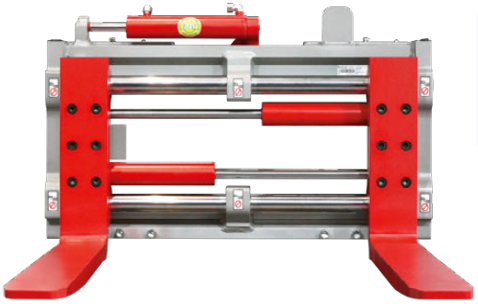


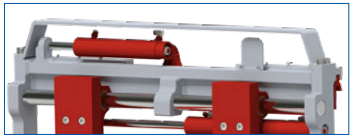


type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm OTO	forks b x h x L mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
ZVW 16-GS*	1,0-1,6/500	700 810 820	1600/500	II	850 980 1040	300-730 300-860 300-920	100x40x1200	+/- 75 +/- 100 +/- 100	124	222 216 212	159 162 165	273 283 285
ZVW 20-GS*	1,8-2,0/500	700 810 820 930	2000/500		850 980 1040 1150	300-730 300-860 300-920 300-1030	100x45x1200	+/- 75 +/- 100 +/- 100 +/- 100		234 232 227 221	154 157 160 163	285 290 298 309
ZVW 25-GS*	2,0/600-2,5/500	810 820 930 980 1130	2500/500		980 1040 1150 1200 1350	320-880 320-940 320-1050 320-1100 320-1250	120x40x1200	+/- 100		243 238 231 228 219	152 155 158 159 163	305 308 319 325 341
ZVW 28-GS*	2,5/600	820 930 980 1130	2500/600		1040 1150 1200 1350	325-945 325-1055 325-1105 325-1255	125x45x1200	+/- 100		256 249 245 236	147 151 153 156	328 339 345 361

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- features bolt-on forks as standard

- also for hook-on forks ISO 2328
- load backrest/protection strip type LS-RP see page 248
- clamping of goods is not allowed





option: protection strip

*Forks longer 1600 mm cross section changes	
type	forks b x h mm
ZVW 16-GS	100x50
ZVW 20-GS	100x50
ZVW 25-GS	120x50
ZVW 28-GS	125x50

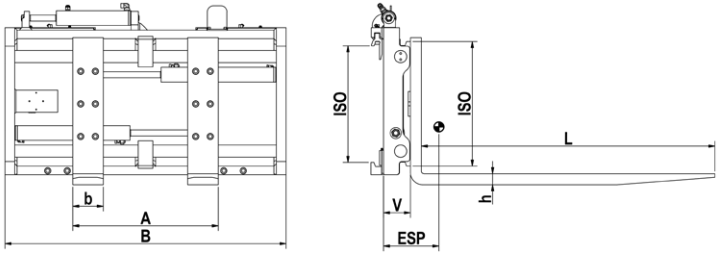
DURWEN Forklift Attachments

Fork positioner

ZVW-GS
ISO III

constant sideshift, bolt-on forks

The high-performance fork positioner ZVW-GS offers outstanding durability and excellent visibility. The double chrome axis guideways are particularly clean and enables precise fork positioning due to high-quality hydraulics. The bolt-on forks are firmly attached to the carriers and provide smooth running and precision even in quick operation. The constant sideshift operates at every fork position. This means that a separate cylinder moves the complete frame.

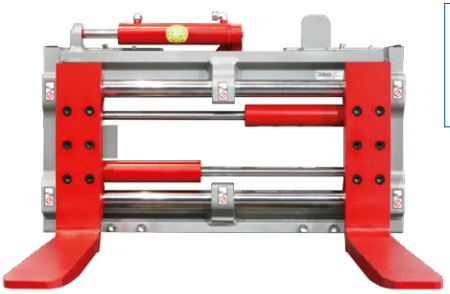


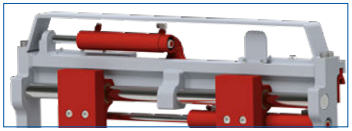
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm OTO	forks b x h x L mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
ZVW 30-GS*	3,0/500	820 930 980 1080 1130	3000/500	III	1040 1150 1200 1300 1350	325-945 325-1055 325-1105 325-1205 325-1255	125x45x1200	+/- 100	127	248 241 238 234 228	192 195 196 200 201	352 363 370 380 388
ZVW 35-GS	3,0/600- 3,5/500	930 980 1080 1130	3500/500		1150 1200 1300 1350	340-1070 340-1120 340-1220 340-1270	140x50x1200		127	265 262 255 252	183 185 188 189	398 405 418 424
ZVW 40-GS	3,5/600- 4,0/500	1020 1030 1080 1130 1200 1280 1480	4000/500		1150 1200 1250 1350 1450 1550 1750	370-1050 370-1100 370-1150 370-1250 370-1350 370-1450 370-1650	140x50x1200		150	249 248 248 247 245 243 239	201 202 204 205 207 209 213	471 479 487 504 520 537 570
ZVW 45-GS	4,0/600- 5,0/600	1020 1080 1130 1180 1280 1480	5000/600		1150 1250 1350 1450 1550 1750	380-1060 380-1160 380-1260 380-1360 380-1460 380-1660	150x60x1200		150	274 268 261 255 249 240	186 189 192 196 198 202	532 550 566 583 600 632

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- features bolt-on forks as standard
- also for hook-on forks ISO 2328

- load backrest/protection strip type LS-RP see page 248
- clamping of goods is not allowed

*Forks longer 1600 mm cross section changes	
type	forks b x h mm
ZVW 30-GS	125x50





option: protection strip

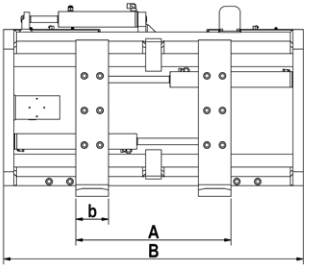
DURWEN Forklift Attachments

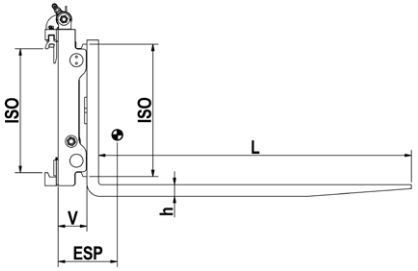
Fork positioner

ZVW-GS
ISO IV

constant sideshift, bolt-on forks

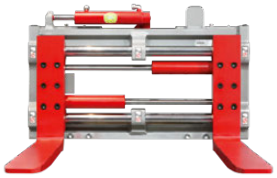
The high-performance fork positioner ZVW-GS offers outstanding durability and excellent visibility. The double chrome axis guideways are particularly clean and enables precise fork positioning due to high-quality hydraulics. The bolt-on forks are firmly attached to the carriers and provide smooth running and precision even in quick operation. The constant sideshift operates at every fork position. This means that a separate cylinder moves the complete frame.

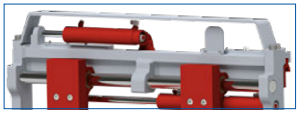




type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm OTO	forks b x h x L mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
ZVW 50-GS	5,0/600	1050 1100 1150 1230	5000/600	IV	1250 1350 1450 1550	370-1150 380-1260 380-1360 380-1460	150x70x1200	+/- 100	156	230 227 225 220	261 263 267 269	675 693 711 729
ZVW 55-GS	5,5/600	1050 1100 1150 1230	5500/600		1250 1350 1450 1550	380-1160 380-1260 380-1360 380-1460	150x70x1200	+/- 100	156	231 229 227 222	261 263 267 269	685 703 721 739
ZVW 60-GS	6,0/600	1150 1420 1580	6000/600		1460 1660 1860	380-1340 380-1540 380-1740	150x70x1200	+/- 100 +/- 160 +/- 160	166	215 210 205	274 281 290	845 880 915
ZVW 70-GS	6,5-7,0/600	1210 1420 1580 1680	7000/600		1460 1660 1860 2060	380-1340 380-1540 380-1740 380-1940	150x70x1200	+/- 100 +/- 160 +/- 160 +/- 160	193	215 208 201 195	288 293 295 301	933 1000 1061 1110
ZVW 80-GS	8,0/600	1210 1520 1580 1680 1680 1780 1980	8000/600		1460 1800 1860 2060 2160 2260 2400	480-1340 480-1680 480-1740 480-1940 480-2040 480-2140 480-2280	200x70x1200	+/- 100 +/- 160 +/- 160 +/- 160 +/- 160 +/- 160 +/- 160	193	260 243 240 231 228 225 222	265 267 272 276 277 280 282	1090 1187 1204 1267 1291 1315 1350
ZVW 100-GS	8,0/900	1580 1580 1680 1680 1780 1980	8000/900		1800 1860 2060 2160 2260 2400	480-1680 480-1740 480-1940 480-2040 480-2140 480-2280	200x80x1200	+/- 160	210	245 244 240 238 235 230	270 271 277 278 280 282	1480 1495 1555 1585 1615 1670
ZVW 110-GS	8,0/1100	1680 1780 1980	8000/1100		2060 2260 2400	480-1940 480-2140 480-2280	200x80x1200	+/- 160	233	242 236 232	278 282 284	1635 1700 1750

- 2 hydraulic functions required
- includes hoses and couplings





option: protection strip

- constant sideshift as standard
- features bolt-on forks as standard also for hook-on forks ISO 2328
- load backrest/protection strip type LS-RP see page 248
- clamping of goods is not allowed

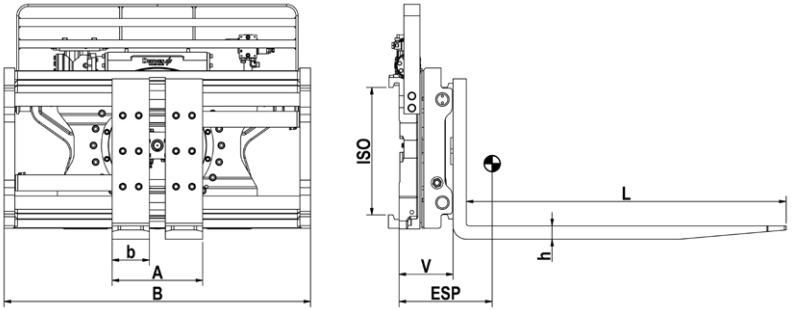
DURWEN Forklift Attachments

Revolving fork positioner

DZVW-G

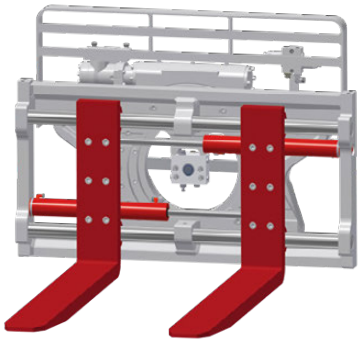
360° total rotation, bolt-on forks

The revolving fork positioner DZVW-G rotates 360° and is designed for emptying bins and boxes with closed fork pockets. The strong construction with round bars guarantees a long service life. The rotator has a strong direct transmission with proven service in heavy-duty applications. The rotation bearing is protected against dust. The unit is not designed for use with inverted forks Suitable solutions upon request.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm OTO	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
DZVW 16-G*	1,6/500	840	1600/500	II	1000	300-880	100x40x1200	196	191	198	446
DZVW 20-G*	1,8-2,0/500	840	2000/500	II	1000	300-880	100x45x1200	196	204	193	458
DZVW 25-G*	2,0/600 - 2,5/500	950	2500/500	II	1150	320-1050	120x40x1200	200	200	321	521
DZVW 28-G*	2,5/600	950	2500/600	II	1150	325-1055	125x45x1200	200	215	206	541
DZVW 30-G*	3,0/500	950	3000/500	III	1150	325-1055	125x45x1200	203	211	228	584
DZVW 35-G	3,0/600 - 3,5/500	950	3500/500	III	1150	340-1070	140x50x1200	203	233	318	620
DZVW 40-G	3,5/600 - 4,0/600	1130	4000/600	III	1350	370-1250	140x50x1200	236	211	258	845
DZVW 45-G	4,5/500 - 5,0/600	1130	5000/600	III	1350	380-1260	150x60x1200	236	236	247	894
DZVW 50-G	5,0/600	1150	5000/600	IV	1350	380-1260	150x70x1200	243	235	270	1030
DZVW 60-G	6,0/600	1120	6000/600	IV	1420	380-1300	150x70x1200	253	218	308	1230
DZVW 80-G	7,0-8,0/600	1120	8000/600	IV	1800	480-1680	200x70x1200	283	257	289	1576

- 2 hydraulic functions required
- includes hoses and couplings
- features bolt-on forks as standard
- with pressure relief valve on the clamp function as standard



- with protection strip as standard type SB-DG (does not rotate, Height = H, exact type Page 246)
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- clamping of goods is not allowed
- not available without forks

3D product video

*Forks longer 1600 mm cross section changes

type	forks b x h mm
DZVW 16-G	100x50
DZVW 20-G	100x50
DZVW 25-G	120x50
DZVW 28-G	125x50
DZVW 30-G	125x50

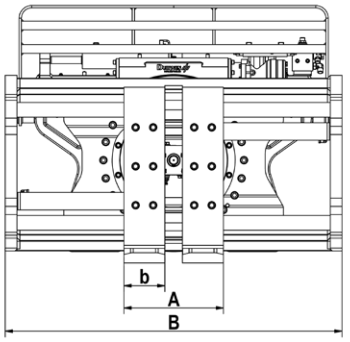
DURWEN Forklift Attachments

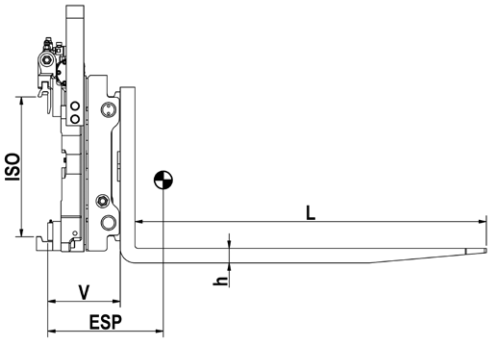
Revolving fork positioner

360° total rotation, constant sideshift, bolt-on forks

DZVW-GS

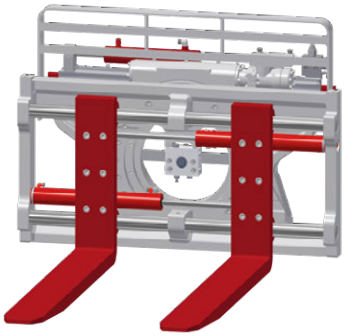
The revolving fork positioner DZVW-GS rotates 360° and has bolt-on forks. Rotation, sideshift and fork positioning allow for quick and safe operation. The strong construction with round bars guarantees a long service life. The rotator has a strong direct transmission with proven service in heavy-duty applications. The rotation bearing is protected against dust. The unit is not designed for use with inverted forks. Clamping is not allowed. Suitable solutions upon request.





type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm OTO	forks b x h x L mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
DZVW 16-GS*	1,6/500	790	1600/500	II	1000	300-880	100x40x1200		245	222	211	485
DZVW 20-GS*	1,8-2,0/500	790	2000/500	II	1000	300-880	100x45x1200		245	234	206	496
DZVW 25-GS*	2,0/600 - 2,5/500	900	2500/500	II	1150	320-1050	120x40x1200		231	214	224	565
DZVW 28-GS*	2,5 / 600	900	2500/600	II	1150	325-1055	125x45x1200		231	229	220	585
DZVW 30-GS*	3,0 / 500	900	3000/500	III	1150	325-1055	125x45x1200		248	233	250	642
DZVW 35-GS	3,0/600 - 3,5/500	900	3500/500	III	1150	340-1070	140x50x1200	+/- 100	248	254	240	678
DZVW 40-GS	3,5/600 - 4,0/600	980	4000/600	III	1350	370-1250	140x50x1200		280	232	274	935
DZVW 45-GS	4,5/500 - 5,0/600	980	5000/600	III	1350	380-1260	150x60x1200		280	255	263	984
DZVW 50-GS	5,0/600	1010	5000/600	IV	1350	380-1260	150x70x1200		310	258	300	1215
DZVW 60-GS	6,0/600	1100	6000/600	IV	1420	380-1300	150x70x1200		330	255	333	1425
DZVW 80-GS	7,0-8,0/600	1100	8000/600	IV	1800	480-1680	200x70x1200		357	297	313	1771

- 3 hydraulic functions required
- includes hoses and couplings
- constant sidehift as standard
- features bolt-on forks as standard
- with pressure relief valve on the clamp function as standard
- with protection strip as standard type SB-DG (does not rotate, Height = H, exact type Page 246)
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- clamping of goods is not allowed
- not available without forks



*Forks longer 1600 mm cross section changes

type	forks b x h mm
DZVW 16-GS	100x50
DZVW 20-GS	100x50
DZVW 25-GS	120x50
DZVW 28-GS	125x50
DZVW 30-GS	125x50

DURWEN Forklift Attachments

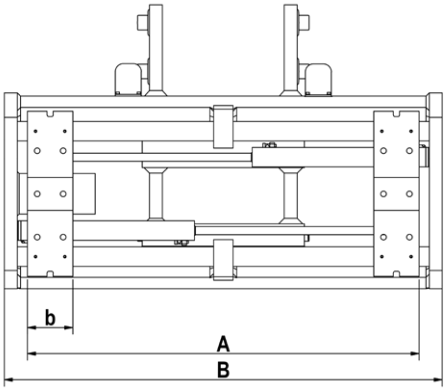
Notes

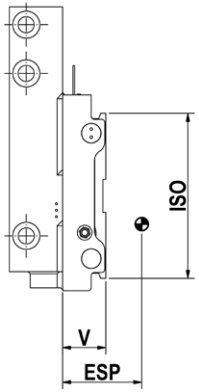
Fork positioner

ZVW-I
ISO II

integrated version, integral sideshift

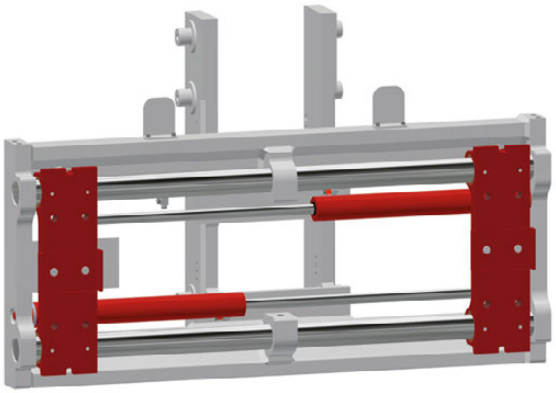
The integral fork positioner ZVW-I offers outstanding durability and excellent visibility. The double chrome axis guideways are particularly clean and enables precise fork positioning due to high-quality hydraulics. Standard forks with ISO mounting or bolt-on forks may be used. The integral sideshift operates depending on fork position.
This means that only the fork carriers move inside the static frame.

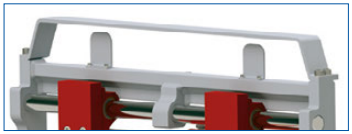




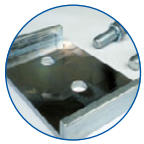
type	lift truck to LC mm	capacity kg LC mm	ISO	B mm	A mm OTO	b forks mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
ZVW 25-I	1,5 - 2,5/500	2500/500	II	980 1040 1150 1350	320-880 320-940 320-1050 320-1250	120	114	50	206 204 204 200	155 160 170 190	35
ZVW 28-I	2,5/600	2500/600		1040 1150 1350	320-940 320-1050 320-1250				204 204 200	160 170 190	35

- 2 hydraulic functions required
- ready to connect, access metric
- includes sideshift via valve, depending on opening range
- for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- please indicate fork width when ordering
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as forklift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- load backrest/protection strip type LS-RP see page 248
- clamping of goods is not allowed





option: protection strip



fork lock

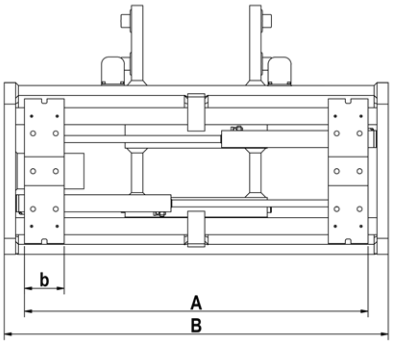
DURWEN Forklift Attachments

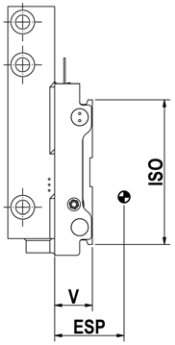
Fork positioner

ZVW-I
ISO III

integrated version, integral sideshift

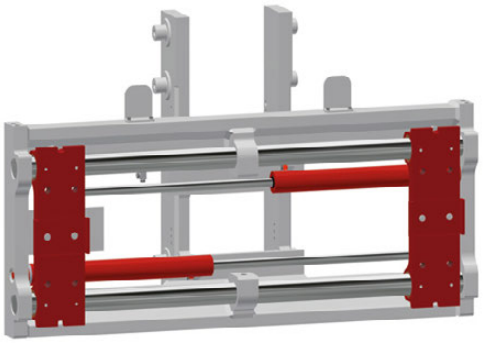
The integral fork positioner ZVW-I offers outstanding durability and excellent visibility. The double chrome axis guideways are particularly clean and enables precise fork positioning due to high-quality hydraulics. Standard forks with ISO mounting or bolt-on forks may be used. The integral sideshift operates depending on fork position.
This means that only the fork carriers move inside the static frame.

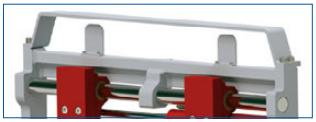




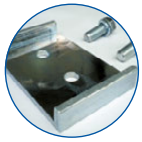
type	lift truck to LC mm	capacity kg LC mm	ISO	B mm	A mm OTO	b forks mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
ZVW 30-I	3,0/500	3000/500	III	1040 1150 1350	320-940 320-1050 320-1250	120	117	50	254 254 250	190 195 205	38
ZVW 35-I	3,0/600- 3,5/500	3500/500		1150 1350	320-1050 320-1250	120	117	49	254 250	200 220	38
ZVW 45-I	3,5/600- 5,0/500	5000/500		1150 1350 1550 1750	370-1050 370-1250 370-1450 370-1650	140	133	53	257 258 258 260	270 300 330 360	46
ZVW 48-I	5,0/600	5000/600		1150 1350 1550 1750	370-1050 370-1250 370-1450 370-1650	140	133	53	257 258 258 260	275 305 335 365	46

- 2 hydraulic functions required
- ready to connect, access metric
- includes sideshift via valve, depending on opening range
- for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- please indicate fork width when ordering
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as forklift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- load backrest/protection strip type LS-RP see page 248
- clamping of goods is not allowed





option: protection strip



fork lock

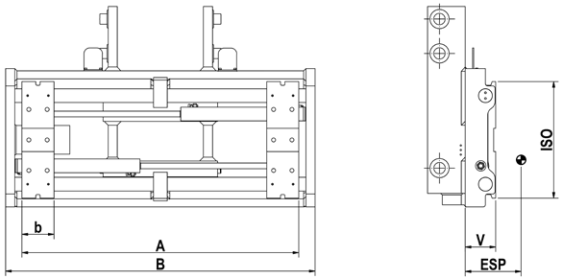
DURWEN Forklift Attachments

Fork positioner

ZVW-I
ISO IV

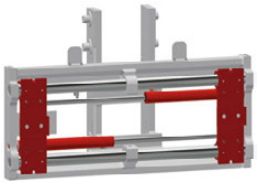
integrated version, integral sideshift

The integral fork positioner ZVW-I offers outstanding durability and excellent visibility. The double chrome axis guideways are particularly clean and enables precise fork positioning due to high-quality hydraulics. Standard forks with ISO mounting or bolt-on forks may be used. The integral sideshift operates depending on fork position. This means that only the fork carriers move inside the static frame.



type	lift truck to LC mm	capacity kg LC mm	ISO	B mm	A mm OTO	b forks mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
ZVW 50-I	5,0/600	5000/600	IV	1250 1350 1450 1550	370-1150 370-1250 370-1350 370-1450	140	133	48	327 328 329 330	350 365 380 400	60
ZVW 55-I	5,5/600	5500/600		1250 1350 1450 1550	370-1150 370-1250 370-1350 370-1450	140	133	50	327 328 329 330	360 375 390 410	60
ZVW 60-I	6,0/600	6000/600		1460 1660 1860	380-1340 380-1540 380-1740	150	150	60	328 330 331	450 490 530	75
ZVW 70-I	6,5-7,0/600	7000/600		1460 1860 2060	380-1340 380-1740 380-1940	150	177	75	327 329 331	560 660 705	91
ZVW 80-I	8,0/600	8000/600		1800 1860 2060 2160 2260 2400	480-1680 480-1740 480-1940 480-2040 480-2140 480-2280	200	177	76	327 327 327 327 328 330	670 685 735 760 785 820	121
ZVW 100-I	8,0/900	8000/900		1800 1860 2060 2160 2260 2400	480-1680 480-1740 480-1940 480-2040 480-2140 480-2280	200	195	80	322 223 334 334 334 335	865 885 955 990 1020 1070	130
ZVW 110-I	8,0/1100	8000/1100		2060 2260 2400	480-1940 480-2140 480-2280	200	210	85	332 334 336	1045 1115 1170	142

- 2 hydraulic functions required
- ready to connect, access metric
- includes sideshift via valve, depending on opening range



- for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- please indicate fork width when ordering
- including brackets, chain anchor and stub shafts, without rollers

- detailed information including carriage drawings are required with the order as well as forklift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- load backrest/protection strip type LS-RP see page 248
- clamping of goods is not allowed

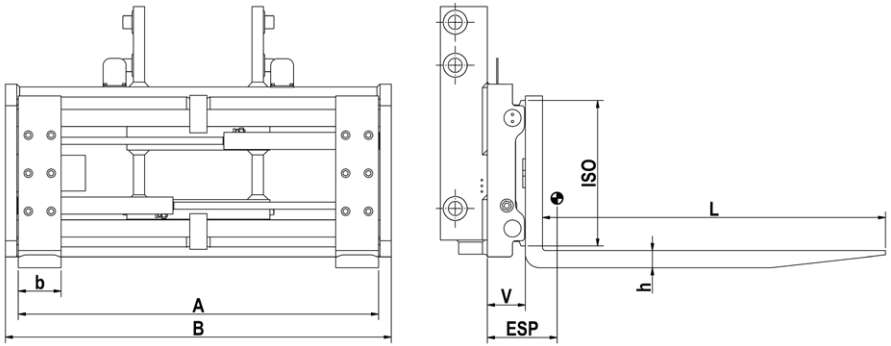
DURWEN Forklift Attachments

Sideshifting fork positioner

ZVW-IG ISO II

integrated version, integral sideshift, bolt-on forks

The integrated fork positioner ZVW-IG offers outstanding durability and excellent visibility. The double chrome axis guideways are particularly clean and enables precise fork positioning due to high-quality hydraulics. The bolt-on forks are firmly attached to the carriers and provide smooth running and precision even in quick operation. The integral sideshift operates depending on fork position. This means that only the fork carriers move inside the static frame.



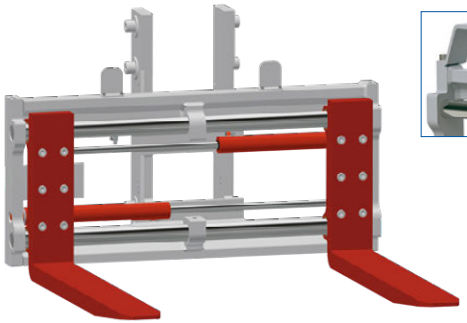
type	lift truck to LC mm	capacity kg LC mm	ISO	B mm	A mm OTO	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
ZVW 16-IG*	1,0-1,6/500	1600/500	II	850 980 1040	300-730 300-860 300-920	100x40x1200	114	240 230 225	134 138 140	235 245 255	141
ZVW 20-IG*	1,8-2,0/500	2000/500		850 980 1040 1150	300-730 300-860 300-920 300-1030	100x45x1200		270 245 240 235	129 133 135 138	250 260 265 275	143
ZVW 25-IG*	2,0/600-2,5/500	2500/500		980 1040 1150 1350	320-880 320-940 320-1050 320-1250	120x40x1200		255 250 245 230	128 130 133 139	270 275 285 305	151
ZVW 28-IG*	2,5/600	2500/600		1040 1150 1350	325-945 325-1055 325-1255	125x45x1200		270 260 250	123 126 132	295 305 325	171

- 2 hydraulic functions required
- ready to connect, access metric features bolt-on forks as standard
- for hook-on forks ISO 2328
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as forklift model and mast model details

- weight, COG and LLC do not include brackets
- LLC does not include forks
- load backrest/protection strip type LS-RP see page 248
- clamping of goods is not allowed

*Forks longer 1600 mm cross section changes

type	forks b x h mm
ZVW 16-IG	100x50
ZVW 20-IG	100x50
ZVW 25-IG	120x50
ZVW 28-IG	125x50



option: protection strip

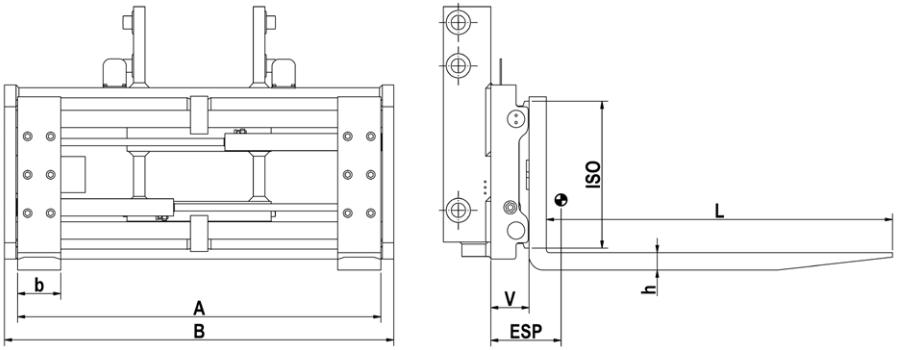
DURWEN Forklift Attachments

Fork positioner

ZVW-IG
ISO III

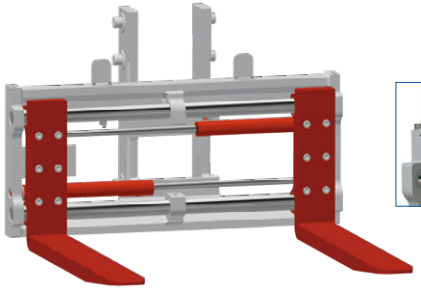
integrated version, integral sideshift, bolt-on forks

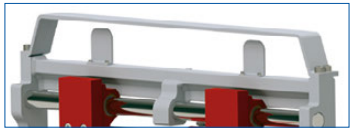
The integrated fork positioner ZVW-IG offers outstanding durability and excellent visibility. The double chrome axis guideways are particularly clean and enables precise fork positioning due to high-quality hydraulics. The bolt-on forks are firmly attached to the carriers and provide smooth running and precision even in quick operation. The integral sideshift operates depending on fork position. This means that only the fork carriers move inside the static frame.



type	lift truck to LC mm	capacity kg LC mm	ISO	B mm	A mm OTO	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
ZVW 30-IG*	3,0/500	3000/500	III	1040 1150 1350	325-945 325-1055 325-1255	125x45x1200	117	245 240 235	204 172 179	335 340 350	184
ZVW 35-IG	3,0/600- 3,5/500	3500/500		1150 1350	340-1070 340-1270	140x50x1200	117	265 255	162 168	380 400	220
ZVW 40-IG	3,5/600- 4,0/500	4000/500		1150 1350 1550 1750	370-1050 370-1250 370-1450 370-1650	140x50x1200	133	245 240 225 215	175 180 184 189	445 480 515 545	228
ZVW 45-IG	4,0/600- 5,0/500	5000/500		1150 1350 1550 1750	380-1060 380-1260 380-1460 380-1660	150x60x1200	133	270 260 245 235	163 169 174 179	500 530 560 590	276
ZVW 48-IG	5,0/600	5000/600		1150 1350 1550 1750	380-1060 380-1260 380-1460 380-1660	150x60x1200	133	270 260 245 235	163 169 174 179	505 535 565 595	276

- 2 hydraulic functions required
- ready to connect, access metric
- features bolt-on forks as standard
- for hook-on forks ISO 2328
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as forklift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- load backrest/protection strip type LS-RP see page 248
- clamping of goods is not allowed





option: protection strip

*Forks longer 1600 mm cross section changes	
type	forks b x h mm
ZVW 30-IG	125x50

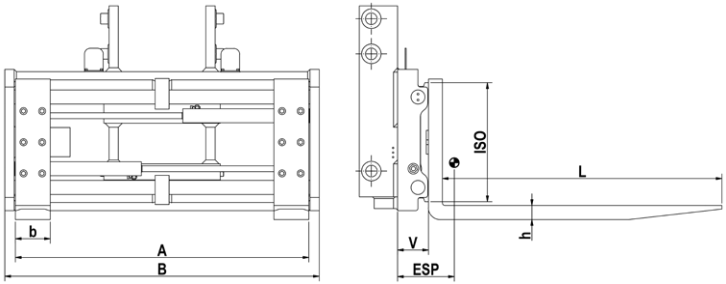
DURWEN Forklift Attachments

Fork positioner

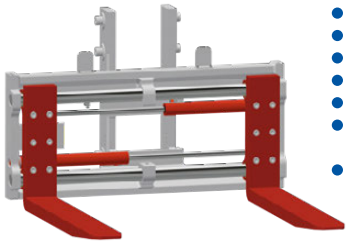
ZVW-IG
ISO IV

integrated version, integral sideshift, bolt-on forks

The integrated fork positioner ZVW-IG offers outstanding durability and excellent visibility. The double chrome axis guideways are particularly clean and enables precise fork positioning due to high-quality hydraulics. The bolt-on forks are firmly attached to the carriers and provide smooth running and precision even in quick operation. The integral sideshift operates depending on fork position. This means that only the fork carriers move inside the static frame.



type	lift truck to LC mm	capacity kg LC mm	ISO	B mm	A mm OTO	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
ZVW 50-IG	5,0/600	5000/600	IV	1250 1350 1450 1550	370-1150 380-1260 380-1360 380-1460	150x70x1200	133	230 225 220 215	213 217 219 220	625 645 665 680	346
ZVW 55-IG	5,5/600	5500/600		1250 1350 1450 1550	380-1160 380-1260 380-1360 380-1460	150x70x1200	133	235 230 225 220	213 217 219 220	635 655 675 690	346
ZVW 60-IG	6,0/600	6000/600		1460 1660 1860	380-1340 380-1540 380-1740	150x70x1200	150	225 215 205	230 236 241	735 775 815	361
ZVW 70-IG	6,5-7,0/600	7000/600		1460 1860 2060	380-1340 380-1740 380-1940	150x70x1200	177	220 205 200	241 251 256	845 945 990	377
ZVW 80-IG	8,0/600	8000/600		1800 1860 2060 2160 2260 2400	480-1680 480-1740 480-1940 480-2040 480-2140 480-2280	200x70x1200	177	250 245 235 233 230 225	228 229 234 236 238 240	1070 1085 1140 1165 1190 1225	521
ZVW 100-IG	8,0/900	8000/900		1800 1860 2060 2160 2260 2400	480-1680 480-1740 480-1940 480-2040 480-2140 480-2280	200x80x1200	195	250 245 235 230 225 220	233 235 250 252 255 258	1320 1340 1410 1445 1480 1530	586
ZVW 110-IG	8,0/1100	8000/1100		2060 2260 2400	480-1940 480-2140 480-2280	200x80x1200	210	230 225 220	249 258 262	1505 1575 1625	598

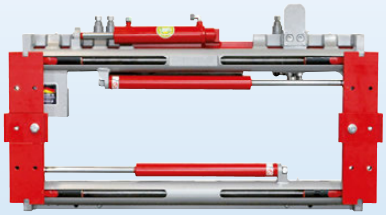


- 2 hydraulic functions required
- ready to connect, access metric
- features bolt-on forks as standard
- for hook-on forks ISO 2328
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as forklift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- load backrest/protection strip type LS-RP see page 248
- clamping of goods is not allowed

DURWEN Forklift Attachments

Fork positioner RZV

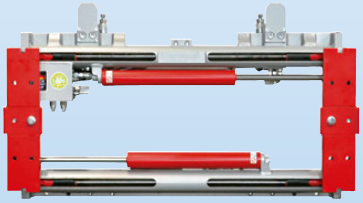
The fork positioner range RZV features round bar guides and can also be used with long forks. The well-balanced frame design offers durability and excellent visibility. The forks are moved on adaptors and can open a little wider than the frame width. The adaptor design allows the use of hook-on and/or bolt-on forks.
The RZV range is available with constant or integral sideshift.



type RZV-S, constant sideshift, for hook-on forks

*sideshift see table

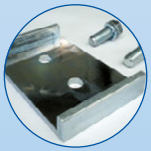
3D product video



type RZV, integral sideshift (via valve), for hook-on forks

$$\text{max. sideshift} = \frac{\text{max. opening - min. opening}}{4}$$

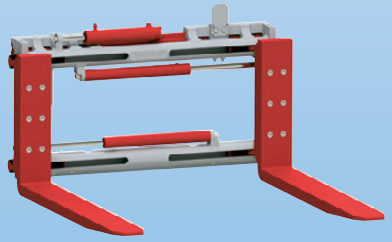
min. sideshift = 0



fork lock

option: flexi lock

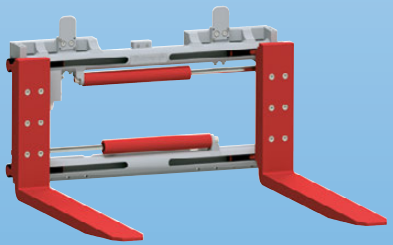
flexi lock



type RZV-GS, constant sideshift, with bolt-on forks

*sideshift see table

DURWEN DSP ServicePlus



type RZV-G, integral sideshift (via valve), with bolt-on forks

$$\text{max. sideshift} = \frac{\text{max. opening - min. opening}}{4}$$

min. sideshift = 0

DURWEN Forklift Attachments

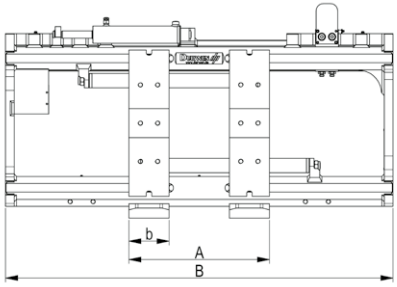
Fork positioner type RZV-GS

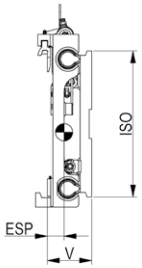
Sideshifting fork positioner

RZV-S
ISO II

constant sideshift, no forks

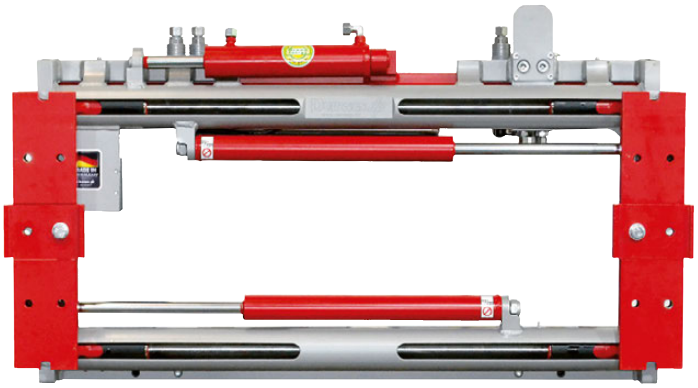
The sideshifting fork positioner RZV-S uses stable round bar guides for positioning of forks. The simple design offers reliability and excellent operator visibility. Hook-on forks can be used. The constant sideshift operates at any fork position.

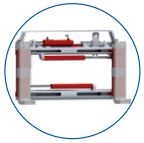




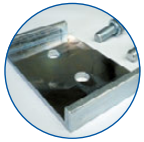
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm	b forks mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
RZV 20-S	1,0-2,0/500	840	2000/500	II	980	490-1060	120	+/- 100	142	45	231	132
		840			1000	490-1080					231	135
		900			1040	490-1120					232	139
		990			1100	490-1180					230	140
		1040			1150	490-1230					229	142
RZV 25-S	2,0/600-2,5/500	840	2500/500		980	490-1060				50	231	135
		840			1000	490-1080					231	138
		900			1040	490-1120					231	142
		990			1100	490-1180					230	147
		1040			1150	490-1230					230	150
		1040			1200	490-1280					230	152
		1110			1350	490-1430					227	160
RZV 28-S	2,5/600	900	2500/600		1040	490-1120				50	231	147
		1040			1150	490-1230					230	155
		1110			1350	490-1430					227	165

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- please indicate fork width when ordering
- load backrest/protection strip type LS-RP see page 248
- quick release hooks upon request (ISO II)
- for forks up to 2400 mm
- clamping of goods is not allowed





option: protection strip



fork lock

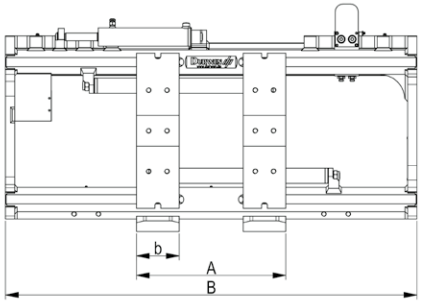
DURWEN Forklift Attachments

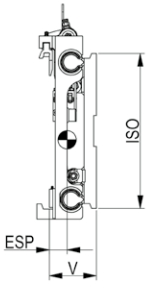
Sideshifting fork positioner

RZV-S
ISO III

constant sideshift, no forks

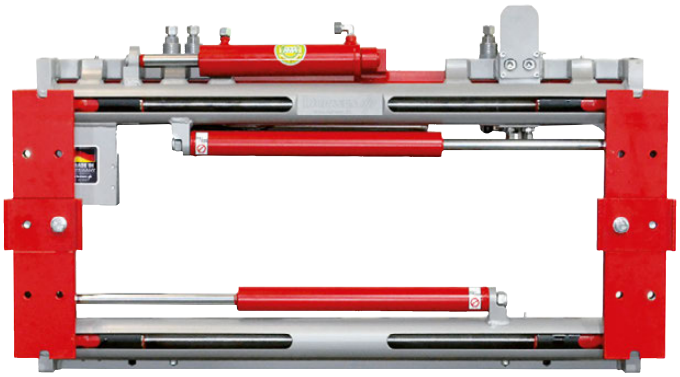
The sideshifting fork positioner RZV-S uses stable round bar guides for positioning of forks. The simple design offers reliability and excellent operator visibility. Hook-on forks can be used. The constant sideshift operates at any fork position.

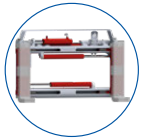




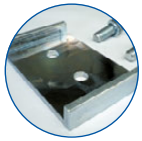
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm	b forks mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
RZV 30-S	3,0/500	700 790 1040 1040 1110	3000/500	III	1040 1100 1150 1200 1350	490-1120 490-1180 490-1230 490-1280 490-1430	120	+/- 100	152	60	286 285 285 283 280	168 174 181 187 195
RZV 35-S	3,0/600- 3,5/500	790 1040 1040 1110	3500/500		1100 1150 1200 1350	490-1180 490-1230 490-1280 490-1430	140		152	62	283 283 282 280	183 188 194 203
RZV 45-S	3,5-5,0/600	1020 1040 1120 1150 1150 1180 1150 1340	5000/600		1150 1200 1250 1300 1350 1450 1550 1750	490-1230 490-128ß 490-1330 490-1380 490-1430 490-1530 490-1630 490-1830	140		168	70	280 279 278 280 279 278 275 273	235 239 244 247 250 258 265 280

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- please indicate fork width when ordering
- load backrest/protection strip type LS-RP see page 248
- quick release hooks ISO III upon request
- for forks up to 2400 mm
- clamping of goods is not allowed





option: protection strip



fork lock

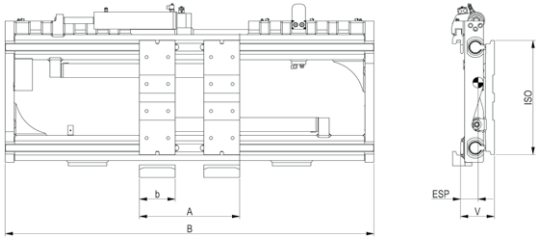
DURWEN Forklift Attachments

Sideshifting fork positioner

RZV-S
ISO IV

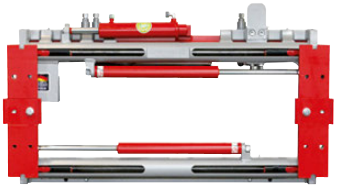
constant sideshift, no forks

The sideshifting fork positioner RZV-S uses stable round bar guides for positioning of forks. The simple design offers reliability and excellent operator visibility. Hook-on forks can be used. The constant sideshift operates at any fork position.

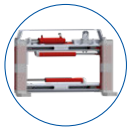


type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm	b forks mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
RZV 50-S	5,0/600	1020 1120 1120 1180	5000/600	IV	1250 1350 1450 1550	490-1330 490-1430 490-1530 490-1630	140	+ /-100	180	73	387 387 386 384	345 357 383 409
RZV 55-S	5,5/600	1020 1120 1120 1180	5500/600		1250 1350 1450 1550	490-1330 490-1430 490-1530 490-1630	140	+ /-100	180	74	387 387 386 384	355 367 393 419
RZV 60-S	6,0/600	1130 1050 1420 1300 1580	6000/600		1360 1460 1600 1660 1860	560-1460 560-1560 560-1700 560-1760 560-1960	150	+/- 100 +/- 100 +/- 160 +/- 160 +/- 160	190	75	366 365 367 367 369	490 510 540 550 590
RZV 70-S	6,5-7,0/600	1050 1300 1580 1680	7000/600		1460 1660 1860 2060	560-1560 560-1760 560-1960 560-2160	150	+/- 100 +/- 160 +/- 160 +/- 160	190	73	365 367 369 371	520 560 595 645
RZV 80-S	8,0/600	1050 1520 1580 1680 1680 1780 1780 1980	8000/600		1460 1800 1860 2000 2060 2160 2260 2400	560-1560 560-1900 560-1960 560-2100 560-2160 560-2260 560-2360 560-2500	200	+/- 100 +/- 160 +/- 160 +/- 160 +/- 160 +/- 160 +/- 160 +/- 160	190	72	368 368 367 368 369 369 367 367	540 590 600 605 650 670 690 740
RZV 100-S	8,0/900	1520 1580 1680 1780 1780 1780	8000/900		1800 1860 2060 2160 2260 2400	560-1900 560-1960 560-2160 560-2260 560-2360 560-2500	200	+/- 160	216	70	363 363 365 365 363 363	730 740 800 830 855 910
RZV 110-S	8,0/1100	1680 1780 1780	8000/1100		2060 2260 2400	560-2160 560-2360 560-2500	200	+/- 160	218	72	365 363 363	820 875 930

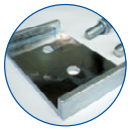
- 2 hydraulic functions required
- includes hoses and couplings



- constant sideshift as standard
- for hook-on forks ISO 2328
- bolt-on forks can be used



option:
protection strip



fork lock

- forks not included
- please indicate fork width when ordering
- load backrest/protection strip type LS-RP see page 248
- quick release hooks ISO IV upon request
- for forks up to 2400 mm
- clamping of goods is not allowed

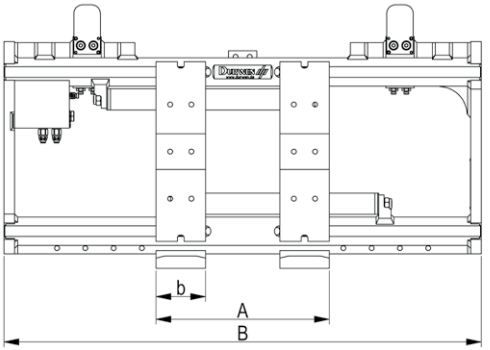
DURWEN Forklift Attachments

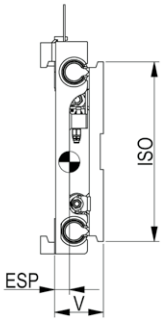
Sideshifting fork positioner

RZV ISO II

integral sideshift, no forks

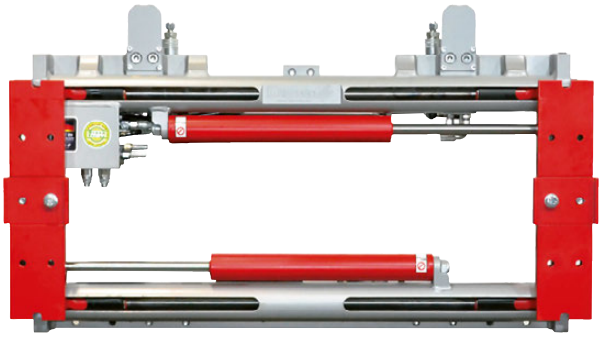
The sideshifting fork positioner RZV uses stable round bar guides for positioning of fork adaptors. The simple design offers reliability and excellent operator visibility. Hook-on forks can be used. The integral sideshift is depending on fork position.

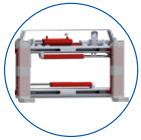




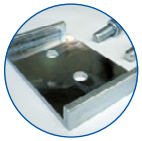
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm	b forks mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
RZV 25	1,5 - 2,5/500	750	2500/500	II	980	490-1060	120	126	45	210	109	45
		750			1000	490-1080			45	216	111	
		810			1040	490-1120			45	212	118	
		810			1100	490-1180			48	213	126	
		860			1150	490-1230			50	210	130	
		910			1200	490-1280			50	211	135	
		930			1350	490-1430			50	206	140	
RZV 28	2,5/600	810	2500/600		1040	490-1120			45	212	125	45
		860			1150	490-1230			50	210	137	
		930			1350	490-1430			50	206	147	

- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve
- for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- please indicate fork width when ordering
- quick release hooks upon request (ISO II)
- load backrest/protection strip type LS-RP see page 248
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed





option: protection strip



fork lock

DURWEN Forklift Attachments

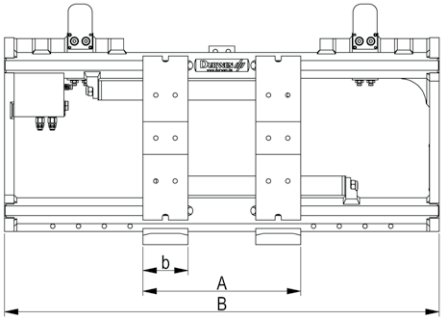
PL 01-2026

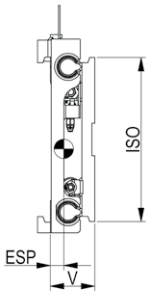
Sideshifting fork positioner

integral sideshift, no forks

RZV ISO III

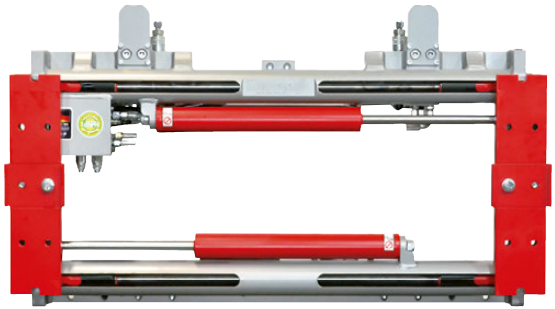
The sideshifting fork positioner RZV uses stable round bar guides for positioning of fork adaptors. The simple design offers reliability and excellent operator visibility. Hook-on forks can be used. The integral sideshift is depending on fork position.

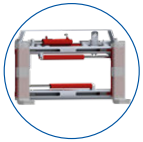




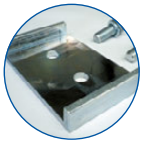
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm	b forks mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
RZV 30	3,0/500	990 810 860 930 950	3000/500	III	1040 1100 1150 1200 1350	490-1120 490-1180 490-1230 490-1280 490-1430	120	138	55 57 60 60 60	274 272 272 271 266	145 153 160 166 175	59
RZV 35	3,0/600- 3,5/500	810 860 930 950	3500/500		1100 1150 1200 1350	490-1180 490-1230 490-1280 490-1430	140	138	65	272 271 270 266	162 165 168 180	64
RZV 45	3,5/600- 5,0/600	840 920 700 790 840 940 1200 1300	5000/600		1150 1200 1250 1300 1350 1450 1550 1750	490-1230 490-1280 490-1330 490-1380 490-1430 490-1530 490-1630 490-1830	140	153	70	264 262 261 259 258 257 259 254	205 208 212 215 220 228 235 250	66

- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve
- for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- please indicate fork width when ordering
- quick release hooks ISO III upon request
- load backrest/protection strip type LS-RP see page 248
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed





option: protection strip



fork lock

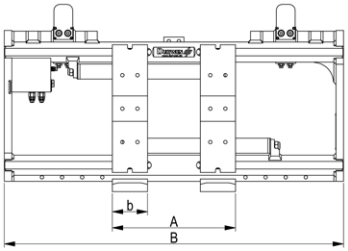
DURWEN Forklift Attachments

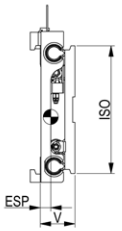
Sideshifting fork positioner

integral sideshift, no forks

RZV ISO IV

The sideshifting fork positioner RZV uses stable round bar guides for positioning of fork adaptors. The simple design offers reliability and excellent operator visibility. Hook-on forks can be used. The integral sideshift is depending on fork position.



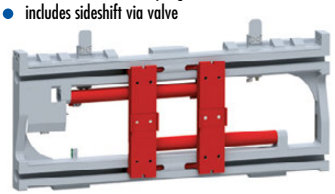


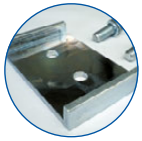
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm	b forks mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
RZV 50	5,0/600	860	5000/600	IV	1250	490-1330	140	160	68	315	292	97
		945			1350	490-1430				317	305	
		1045			1450	490-1530				323	318	
		1060			1550	490-1630				323	331	
RZV 55	5,5/600	860	5500/600		1250	490-1330	140	160	70	315	302	97
		945			1350	490-1430				317	315	
		1045			1450	490-1530				323	328	
		1060			1550	490-1630				323	341	
RZV 60	6,0/600	890	6000/600		1360	560-1460	150	165	72	339	430	110
		1010			1460	560-1560				339	450	
		1080			1600	560-1700				340	480	
		1140			1660	560-1760				341	490	
		1240			1860	560-1960				343	530	
RZV 70	6,5-7,0/600	1010	7000/600		1460	560-1560	150	165	74	339	460	115
		1140			1660	560-1760				341	500	
		1240			1860	560-1960				343	535	
		1340			2060	560-2160				345	545	
RZV 80	8,0/600	1010	8000/600		1460	560-1560	200	165	75	343	485	135
		1180			1800	560-1900				342	535	
		1240			1860	560-1960				342	545	
		1340			2000	560-2100				342	547	
		1340			2060	560-2160				342	550	
		1440			2160	560-2260				341	570	
		1540			2260	560-2360				341	590	
		1680			2400	560-2500				341	635	
RZV 100	8,0/900	1200	8000/900		1800	560-1900	200	190	70	337	640	162
		1300			1860	560-1960				337	650	
		1340			2060	560-2160				338	700	
		1540			2160	560-2260				338	725	
		1540			2260	560-2360				338	750	
		1680			2400	560-2500				339	810	
RZV 110	8,0/1100	1340	8000/1100		2060	560-2160	200	192	73	338	715	162
		1540			2260	560-2360				338	765	
		1680			2400	560-2500				339	825	

- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve

- for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included

- please indicate fork width when ordering
- quick release hooks ISO IV upon request
- load backrest/protection strip type LS-RP see page 248
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed





fork lock

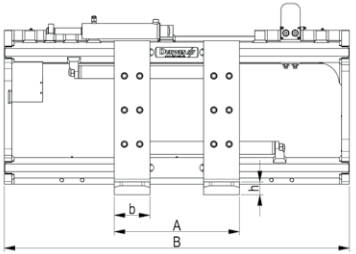
DURWEN Forklift Attachments

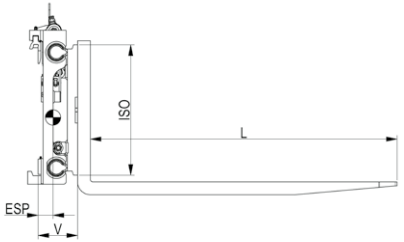
Sideshifting fork positioner

constant sideshift, bolt-on forks

RZV-GS
ISO II

The sideshifting fork positioner RZV-GS uses stable round bar guides for fork positioning. The simple design offers reliability and excellent operator visibility. The constant sideshift operates at any fork position.



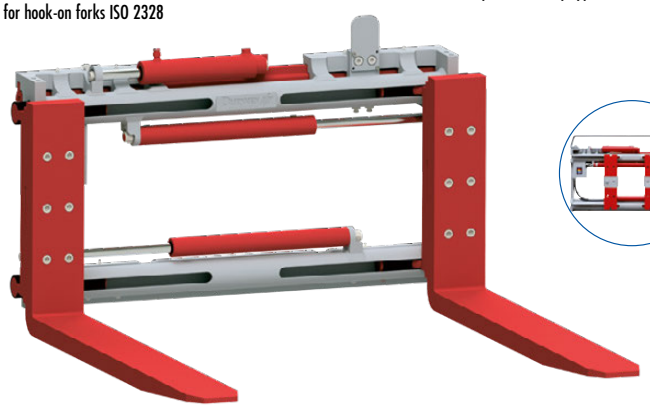


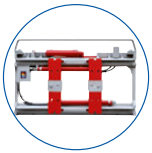
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
RZV 16-GS*	1,0-1,6/500	710 840 900	1600/500	II	850 980 1040	470-910 470-1040 470-1100	100x40x1200	+/- 75 +/- 100 +/- 100	142	229 228 224	140 144 146	241 246 254
RZV 20-GS*	1,8-2,0/500	710 840 900 990 1040	2000/500		850 980 1040 1100 1150	470-910 470-1040 470-1100 470-1160 470-1210	100x45x1200	+/- 75 +/- 100 +/- 100 +/- 100 +/- 100		225 222 221 221 218	136 140 143 144 144	246 250 258 262 268
RZV 25-GS*	2,0/600-2,5/500	840 840 900 990 1040 960 1110	2500/500		980 1000 1040 1100 1150 1200 1350	490-1060 490-1080 490-1120 490-1180 490-1230 490-1280 490-1430	120x40x1200	+/- 100		220 218 218 218 215 215 213	136 138 139 139 140 141 143	255 261 263 267 272 275 282
RZV 28-GS*	2,5/600	900 1040 1110	2500/600		1040 1150 1350	495-1125 495-1235 495-1435	125x45x1200	+/- 100		220 218 215	131 133 136	273 278 288

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- features bolt-on forks as standard
- for hook-on forks ISO 2328
- quick release hooks upon request (ISO II)
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed
- load backrest/protection strip type LS-RP see page 248

*Forks longer 1600 mm cross section changes

type	forks b x h mm
RZV 16-GS	100x50
RZV 20-GS	100x50
RZV 25-GS	120x50
RZV 28-GS	125x50





option: protection strip

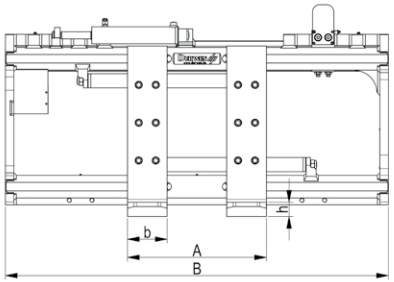
DURWEN Forklift Attachments

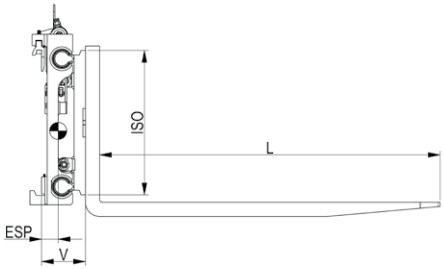
Sideshifting fork positioner

RZV-GS ISO III

constant sideshift, bolt-on forks

The sideshifting fork positioner RZV-GS uses stable round bar guides for fork positioning. The simple design offers reliability and excellent operator visibility. The constant sideshift operates at any fork position.



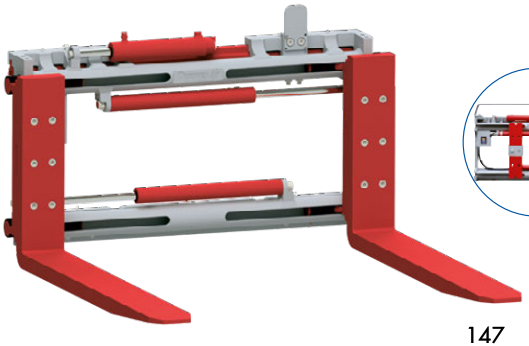


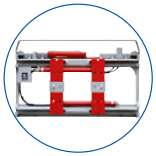
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
RZV 30-GS*	3,0/500	700 790 1040 1040 1110	3000/500	III	1040 1100 1150 1200 1350	495-1125 495-1185 495-1235 495-1285 495-1435	125x45x1200	+/- 100	152	210 207 205 204 203	176 177 178 178 179	313 320 326 329 340
RZV 35-GS	3,0/600- 3,5/500	790 1040 1040 1110	3500/500		1100 1150 1200 1350	490-1180 490-1230 490-1280 490-1430	140x50x1200		152	224 222 221 218	166 167 168 169	362 368 372 383
RZV 40-GS	3,5/600- 4,0/500	1020 1160 1150 1340	4000/500		1150 1350 1550 1750	490-1230 490-1430 490-1630 490-1830	140x50x1200		168	228 225 220 215	179 184 186 188	415 430 445 460
RZV 45-GS	4,0-5/600	1020 1040 1120 1050 1160 1180 1150 1340	5000/600		1150 1200 1250 1300 1350 1450 1550 1750	500-1240 500-1290 500-1340 500-1390 500-1440 500-1540 500-1640 500-1840	150x60x1200		168	228 227 226 226 225 222 220 215	165 165 166 169 169 171 171 175	465 468 472 476 480 488 495 510

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- features bolt-on forks as standard
- for hook-on forks ISO 2328
- load backrest/protection strip type LS-RP see page 248
- quick release hooks ISO III upon request
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed

*Forks longer 1600 mm cross section changes

type	forks b x h mm
RZV 30-GS	125x50





option: protection strip

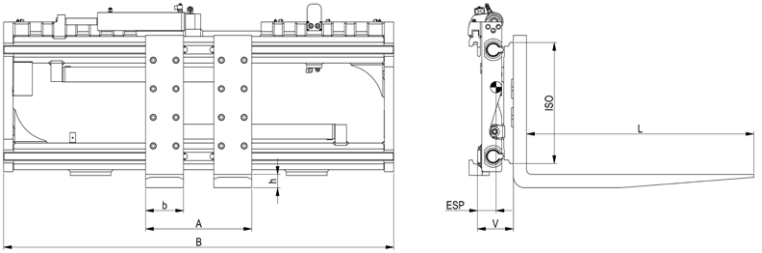
DURWEN Forklift Attachments

Sideshifting fork positioner

RZV-GS ISO IV

constant sideshift, bolt-on forks

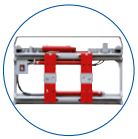
The sideshifting fork positioner RZV-GS uses stable round bar guides for fork positioning. The simple design offers reliability and excellent operator visibility. The constant sideshift operates at any fork position.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
RZV 50-GS	5,0/600	1020 1120 1120 1180	5000/600	IV	1250 1350 1450 1550	500-1340 500-1440 500-1540 500-1640	150x70x1200	+/- 100	180	278 272 265 262	242 243 248 249	649 661 687 713
RZV 55-GS	5,5/600	1020 1120 1120 1180	5500/600		1250 1350 1450 1550	500-1340 500-1440 500-1540 500-1640	150x70x1200	+/- 100	180	280 274 267 264	242 243 248 249	659 671 697 723
RZV 60-GS	6,0/600	1130 1050 1420 1300 1580	6000/600		1360 1460 1600 1660 1860	560-1460 560-1560 560-1700 560-1760 560-1960	150x70x1200	+/- 100 +/- 100 +/- 160 +/- 160 +/- 160	190	186 185 184 183 180	258 261 266 267 274	790 805 830 840 870
RZV 70-GS	6,5-7,0/600	1050 1300 1580 1680	7000/600		1460 1660 1860 2060	560-1560 560-1760 560-1960 560-2160	150x70x1200	+/- 100 +/- 160 +/- 160 +/- 160	190	188 186 183 180	261 267 274 280	835 880 930 980
RZV 80-GS	8,0/600	1050 1520 1580 1680 1680 1780 1780 1980	8000/600		1460 1800 1860 2000 2060 2160 2260 2400	560-1560 560-1900 560-1960 560-2100 560-2160 560-2260 560-2360 560-2500	200x70x1200	+/- 100 +/- 160 +/- 160 +/- 160 +/- 160 +/- 160 +/- 160 +/- 160	190	195 189 189 187 186 185 183 179	257 258 259 262 265 267 268 271	915 975 985 995 1010 1035 1060 1110
RZV 100-GS	8,0/900	1520 1580 1780 1780 1780 1780	8000/900		1800 1860 2060 2160 2260 2400	560-1900 560-1960 560-2160 560-2260 560-2360 560-2500	200x80x1200	+/- 160	216	185 184 180 178 175 172	260 261 267 268 270 273	1150 1170 1230 1260 1285 1340
RZV 110-GS	8,0/1100	1780	8000/1100		2060 2260 2400	560-2160 560-2360 560-2500	200x80x1200	+/- 160	218	190 186 183	267 270 273	1292 1348 1403

- 2 hydraulic functions required
- includes hoses and couplings

- constant sideshift as standard
- features bolt-on forks as standard
- load backrest/protection strip type LS-RP see page 248



option: protection strip

- for hook-on forks ISO 2328
- quick release hooks ISO IV upon request
- for forks up to 2400 mm, longer please ask
- damping of goods is not allowed

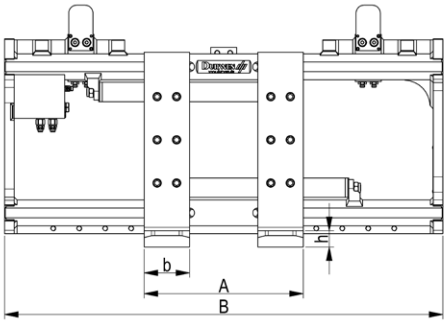
DURWEN Forklift Attachments

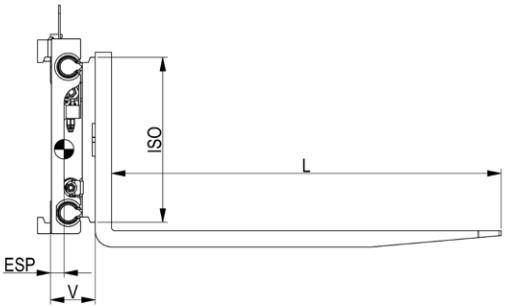
Sideshifting fork positioner

RZV-G ISO II

integral sideshift, bolt-on forks

The sideshifting fork positioner RZV-G uses stable round bar guides for fork positioning. The simple design offers reliability and excellent operator visibility. The valve sideshift is depending on fork position.





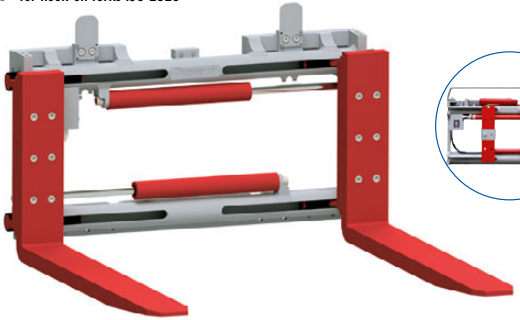
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
RZV 16-G*	1,0-1,6/500	700 750 810	1600/500	II	850 980 1040	470-910 470-1040 470-1100	100x40x1200	126	229 228 224	126 124 130	215 220 228	145
RZV 20-G*	1,8-2,0/500	700 750 810 810 860	2000/500		850 980 1040 1100 1150	470-910 470-1040 470-1100 470-1160 470-1210	100x45x1200		225 222 221 219 218	123 122 126 127 128	220 224 232 237 242	155
RZV 25-G*	2,0/600-2,5/500	750 750 810 810 860 910 930	2500/500		980 1000 1040 1100 1150 1200 1350	490-1060 490-1080 490-1120 490-1180 490-1230 490-1280 490-1430	120x40x1200		220 220 218 216 215 215 213	116 118 120 121 122 123 124	229 230 239 244 252 257 268	165
RZV 28-G*	2,5/600	810 860 930	2500/600		1040 1150 1350	495-1125 495-1235 495-1435	125x45x1200		222 225 230	114 116 117	270 275 295	185

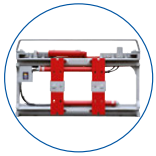
- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve
- features bolt-on forks as standard
- for hook-on forks ISO 2328

- quick release hooks upon request (ISO II)
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed
- load backrest/protection strip type LS-RP see page 248

*Forks longer 1600 mm cross section changes

type	forks b x h mm
RZV 16-G	100x50
RZV 20-G	100x50
RZV 25-G	120x50
RZV 28-G	125x50





option: protection strip

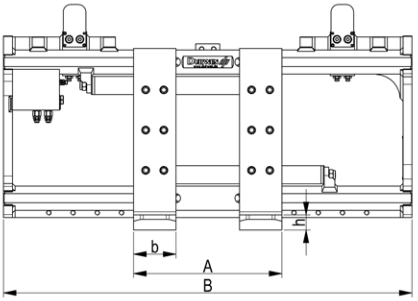
DURWEN Forklift Attachments

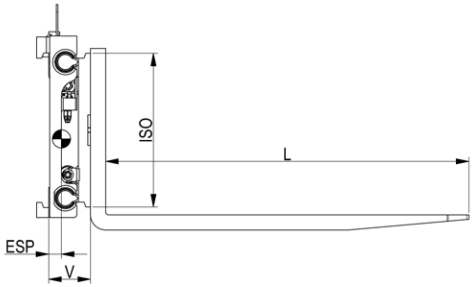
Sideshifting fork positioner

RZV-G ISO III

integral sideshift, bolt-on forks

The sideshifting fork positioner RZV-G uses stable round bar guides for fork positioning. The simple design offers reliability and excellent operator visibility. The valve sideshift is depending on fork position.





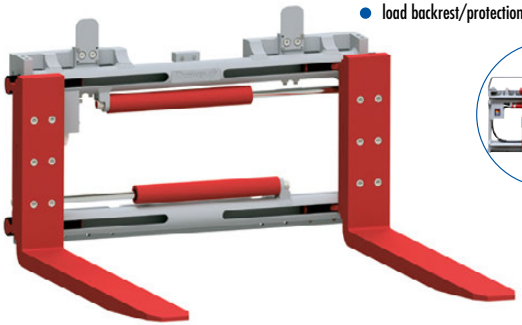
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
RZV 30-G*	3,0/500	990 810 860 930 950	3000/500	III	1040 1100 1150 1200 1350	495-1125 495-1185 495-1235 495-1285 495-1435	125x45x1200	138	210 208 205 204 203	164 164 164 164 165	290 297 305 312 320	205
RZV 35-G	3,0/600- 3,5/500	810 860 930 950	3500/500		1100 1150 1200 1350	490-1180 490-1230 490-1280 490-1430	140x50x1200	138	224 222 221 218	154 155 155 156	341 345 349 360	246
RZV 40-G	3,5/600- 4,0/500	840 840 1200 1300	4000/500		1150 1350 1550 1750	490-1230 490-1430 490-1630 490-1830	140x50x1200	153	228 225 220 215	164 166 170 171	388 400 415 430	250
RZV 45-G	4,0-5,0/600	840 920 700 790 840 940 1200 1300	5000/600		1150 1200 1250 1300 1350 1450 1550 1750	500-1240 500-1290 500-1340 500-1390 500-1440 500-1540 500-1640 500-1840	150x60x1200	153	228 227 226 226 225 223 220 215	153 153 153 153 154 156 159 160	435 439 443 447 450 458 465 480	296

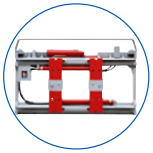
- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve
- features bolt-on forks as standard

- for hook-on forks ISO 2328
- quick release hooks ISO III upon request
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed
- load backrest/protection strip type LS-RP see page 248

*Forks longer 1600 mm cross section changes

type	forks b x h mm
RZV 30-G	125x50





option: protection strip

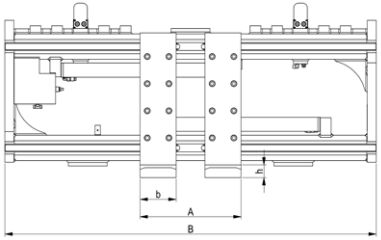
DURWEN Forklift Attachments

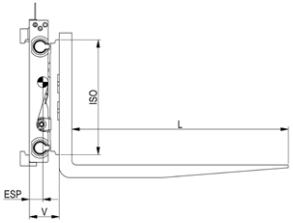
Sideshifting fork positioner

RZV-G
ISO IV

integral sideshift, bolt-on forks

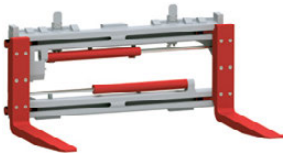
The sideshifting fork positioner RZV-G uses stable round bar guides for fork positioning. The simple design offers reliability and excellent operator visibility. The valve sideshift is depending on fork position.



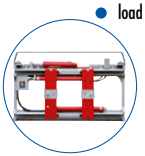


type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
RZV 50-G	5,0/600	860 945 1045 1060	5000/600	IV	1250 1350 1450 1550	500-1340 500-1440 500-1540 500-1640	150x70x1200	160	300 295 290 285	195 196 200 203	588 601 614 627	383
RZV 55-G	5,5/600	860 945 1045 1060	5500/600		1250 1350 1450 1550	500-1340 500-1440 500-1540 500-1640	150x70x1200	160	305 300 295 290	195 196 200 203	598 611 624 637	383
RZV 60-G	6,0/600	890 1010 1080 1140 1240	6000/600		1360 1460 1600 1660 1860	560-1460 560-1560 560-1700 560-1760 560-1960	150x70x1200	165	186 185 184 183 180	235 237 240 243 249	730 745 770 780 810	394
RZV 70-G	6,5-7,0/600	1010 1140 1240 1340	7000/600		1460 1660 1860 2060	560-1560 560-1760 560-1960 560-2160	150x70x1200	165	188 186 183 180	237 243 249 255	765 805 845 885	398
RZV 80-G	8,0/600	1010 1180 1240 1340 1340 1440 1540 1680	8000/600		1460 1800 1860 2000 2060 2160 2260 2400	560-1560 560-1900 560-1960 560-2100 560-2160 560-2260 560-2360 560-2500	200x70x1200	165	195 189 189 187 186 185 183 179	232 234 235 239 241 243 244 246	790 875 890 920 930 955 980 1030	510
RZV 100-G	8,0/900	1200 1300 1340 1760 1540 1680	8000/900		1800 1860 2060 2160 2260 2400	560-1900 560-1960 560-2160 560-2260 560-2360 560-2500	200x80x1200	190	185 184 180 178 175 172	238 241 244 245 247 249	1040 1060 1120 1150 1180 1210	586
RZV 110-G	8,0/1100	1340 1540 1680	8000/1100		2060 2260 2400	560-2160 560-2360 560-2500	200x80x1200	192	190 185 182	244 247 249	1185 1242 1272	586

- 2 hydraulic functions required
- includes hoses and couplings



- includes sideshift via valve
- features bolt-on forks as standard
- load backrest/protection strip type LS-RP see page 248



option: protection strip

- for hook-on forks ISO 2328
- quick release hooks upon request (ISO IV)
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed

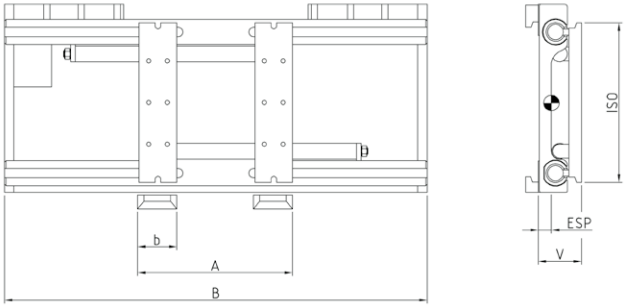
DURWEN Forklift Attachments

Fork positioner for reach truck,

no sideshift

RZV

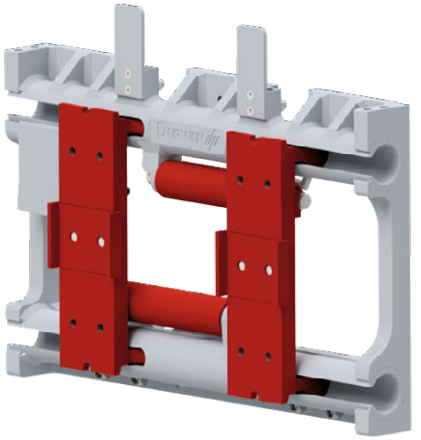
The fork positioner range RZV features round bar guides and can also be used with long forks. The well balanced frame design offers durability and excellent visibility. This model range features a small frame that supports the configuration of reach trucks. Clamping of goods is not allowed.

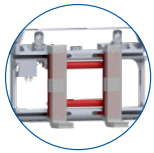


type	lift truck to LC mm	min. carriage top/bottom mm	capacity kg LC mm	ISO	B mm	A mm	b forks mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
RZV 25	1,5-2,5/500	600/400 650/400 700/500 730/500	2500/500	II	750 800 850 880	490-750 490-800 490-850 490-880	120	126	42	216 214 213 212	100 110 120 125
RZV 28	2,5/600	600/400 650/400 700/500 730/500	2500/600		750 800 850 880	490-750 490-800 490-850 490-880			39	216 214 213 212	110 115 125 130

- 1 hydraulic function required
  (2 hydraulic functions with integral sideshift)
- includes hoses and couplings
- for hook-on forks ISO 2328
- load backrest/protection strip type LS-RP see page 248
- please indicate fork width when ordering
- integral sideshift upon request
- LLC spacer kit upon request (can increase LLC in steps up to 50 mm)
- clamping of goods not allowed

Important note: The reach truck must be equipped with a collision prevention that prevents collision of fork positioner parts with the wheel legs or parts of the reach truck. This means usually that fork positioning and sideshift must be shut off with the attachment between the wheel legs. The reach truck carriage design must accommodate the mounting of an attachment.
A spacer kit is available from Durwen. It allows the extension of the attachment mounting up to 50 mm giving extra space for carriage parts or reach truck parts that may protrude into the attachment mounting or operation space.





option: protection strip

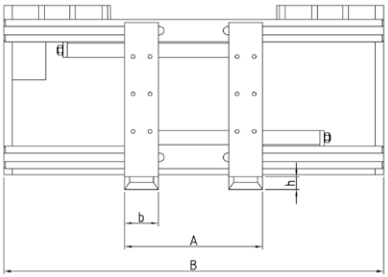
DURWEN Forklift Attachments

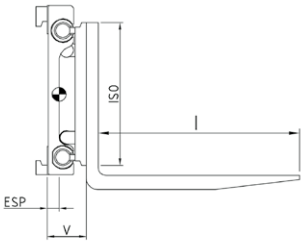
Fork positioner for reach truck,

no sideshift, bolt-on forks

RZV-G

The fork positioner range RZV G features round bar guides and can also be used with long forks. The well balanced frame design offers durability and excellent visibility. This model range features a small frame that supports the configuration of reach trucks. Cclamping of goods is not allowed.

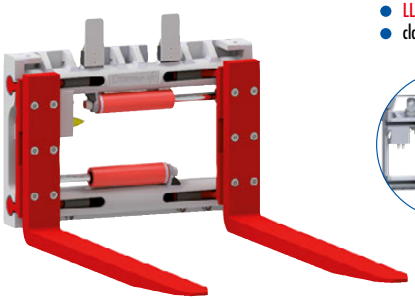


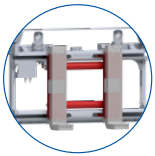


type	lift truck to LC mm	min. carriage top/bottom mm	capacity kg LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
RZV 16-G*	1,0-1,6/500	600/400 650/400 700/500 730/500	1600/500	II	750 800 850 880	470-730 470-780 470-830 470-860	100x40x1200	126	285 273 263 258	124 124 126 126	198 208 218 223
RZV 20-G*	1,8-2,0/500	600/400 650/400 700/500 730/500	2000/500		750 800 850 880	470-730 470-780 470-830 470-860	100x45x1200		299 287 277 272	122 122 123 123	210 220 230 235
RZV 25-G*	2,5/500	600/400 650/400 700/500 730/500	2500/500		750 800 850 880	490-750 490-800 490-850 490-880	120x40x1200		307 295 284 279	116 116 117 117	218 228 238 243
RZV 28-G*	2,5/600	600/400 650/400 700/500 730/500	2500/600		750 800 850 880	495-755 495-805 495-855 495-885	125x45x1200		326 315 304 299	109 109 110 110	238 248 258 263

- 1 hydraulic function required
  (2 hydraulic functions with integral sideshift)
- includes hoses and couplings

- features bolt-on forks as standard (type RZV-G)
- load backrest/protection strip type LS-RP see page 248
- integral sideshift upon request
- LLC spacer kit upon request (can increase LLC in steps up to 50 mm)
- clamping of goods not allowed





option: protection strip

*Forks longer 1600 mm cross section changes	
type	forks b x h mm
RZV 16-G	100x50
RZV 20-G	100x50
RZV 25-G	120x50
RZV 28-G	125x50

Important note: The reach truck must be equipped with a collision prevention that prevents collision of fork positioner parts with the wheel legs or parts of the reach truck. This means usually that fork positioning and sideshift must be shut off with the attachment between the wheel legs. The reach truck carriage design must accommodate the mounting of an attachment.
A spacer kit is available from Durwen. It allows the extension of the attachment mounting up to 50 mm giving extra space for carriage parts or reach truck parts that may protrude into the attachment mounting or operation space.

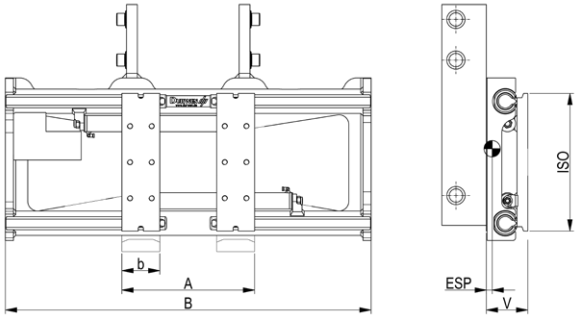
DURWEN Forklift Attachments

Fork positioner

RZV-I
ISO II/III

integrated, integral sideshift, no forks

The fork positioner RZV-I has a stable round guide in which the two mounting plates are moved. Sideshift by valve allows sideshift depending on the opening range of the fork mounts. Standard forks according to ISO 2328 are used but bolt-on forks from our company can be retrofitted at any time. Very good visibility is to be emphasized which makes safe working possible. Euro pallets can be picked up lengthwise. In addition, this device is characterised by its compact design whereby the forklift retains the greatest possible residual load capacity.The delivery of the integrated fork positioner includes brackets, stubshafts and chain anchors.

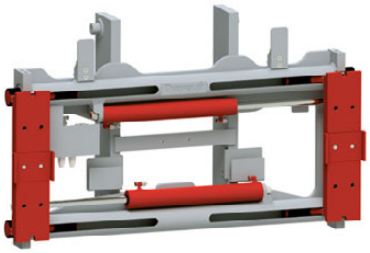


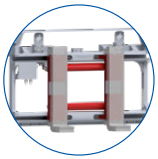
type	lift truck to LC mm	capacity kg LC mm	ISO	B mm	A mm	b forks mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
RZV 25-I	1,5 - 2,5/500	2500/500	II	980 1040 1150 1350	490-1060 490-1120 490-1230 490-1430	120	126	50	221 216 214 212	130 135 142 155	45
RZV 28-I	2,5/600	2500/600	II	1040 1150 1350	490-1120 490-1230 490-1430	120	126	50	205 213 211	130 142 155	45
RZV 30-I	3,0/500	3000/500	III	1040 1150 1350	490-1120 490-1230 490-1430	120	138	55	264 266 266	160 168 180	59
RZV 35-I	3,0/600- 3,5/500	3500/500	III	1150 1350	490-1230 490-1430	140	138	55	266 263	170 190	64
RZV 45-I	3,5/600- 5,0/500	5000/500	III	1150 1350 1550 1750	490-1230 490-1430 490-1630 490-1830	140	153	60	268 265 263 261	222 240 260 280	66
RZV 48-I	5,0/600	5000/600	III	1150 1350 1550 1750	490-1230 490-1430 490-1630 490-1830	140	153	60	268 265 263 261	227 245 265 285	66

- 2 hydraulic functions required
- without hoses and couplings
- includes sideshift via valve, depending onopening range
- for hook-on forks ISO 2328

- bolt-on forks can be used
- forks not included
- please indicate fork width when ordering
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as forklift model and mast model details

- weight, COG and LLC do not include brackets
- LLC does not include forks
- protection strip/load backrest see page 248
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed





option: protection strip

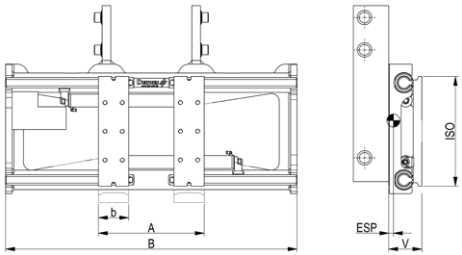
DURWEN Forklift Attachments

Fork positioner

RZV-I
ISO IV

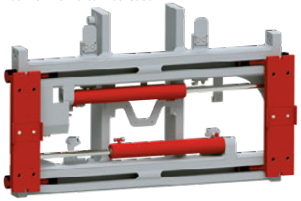
integrated, integral sideshift, bolt-on forks

The fork positioner RZV-I has a stable round guide in which the two mounting plates are moved. Sideshift by valve allows ideshift depending on the opening range of the fork mounts. Standard forks according to ISO 2328 are used but bolt-on forks from our company can be retrofitted at any time. Very good visibility is to be emphasized which makes safe working possible. Euro pallets can be picked up lengthwise. In addition, this device is characterised by its compact design whereby the forklift retains the greatest possible residual load capacity.The delivery of the integrated fork positioner includes brackets, stubshafts and chain anchors.

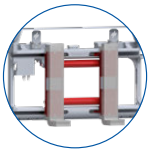


type	lift truck to LC mm	capacity kg LC mm	ISO	B mm	A mm	b forks mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
RZV 50-I	5,0/600	5000/600	IV	1250 1350 1450 1550	490-1330 490-1430 490-1530 490-1630	140	160	65	336 334 334 332	285 300 315 330	97
RZV 55-I	5,5/600	5500/600		1250 1350 1450 1550	490-1330 490-1430 490-1530 490-1630	140	160	67	336 334 334 332	298 310 325 340	97
RZV 60-I	6,0/600	6000/600		1460 1860	560-1560 560-1960	150	165	65	325 324	425 485	110
RZV 70-I	6,5-7,0/600	7000/600		1460 1860 2060	560-1560 560-1960 560-2160	150	165	65	329 327 321	435 495 530	115
RZV 80-I	8,0/600	8000/600		1800 1860 2060 2160 2260 2400	560-1900 560-1960 560-2160 560-2260 560-2360 560-2500	200	165	65	325 323 320 323 321 319	515 525 555 573 590 620	135
RZV 100-I	8,0/900	8000/900		1800 1860 2060 2160 2260 2400	560-1900 560-1960 560-2160 560-2260 560-2360 560-2500	200	190	75	321 321 322 331 322 320	655 670 715 738 760 810	162
RZV 110-I	8,0/1100	8000/1100		2060 2260 2400	560-2160 560-2360 560-2500	200	192	77	322 320 320	730 775 825	162

- 2 hydraulic functions required
- without hoses and couplings
- includes sideshift via valve, depending on opening range
- for hook-on forks ISO 2328
- bolt-on forks can be used



- forks not included
- please indicate fork width when ordering
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as forklift model and mast model details
- weight, COG and LLC do not include brackets



option: protection strip

- LLC does not include forks
- protection strip/load backrest see page 248
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed

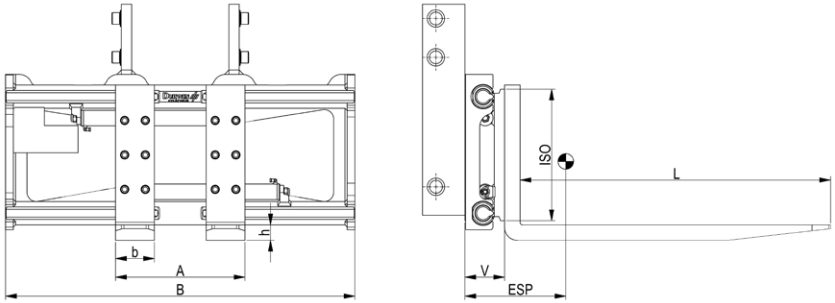
DURWEN Forklift Attachments

Fork positioner

RZV-IG
ISO II

integrated, integral sideshift, bolt-on forks

The fork positioner RZV-IG with bolt-on forks has stable round bar guides in which the two mounting plates with forks are moved. Sideshift by valve allows sideshift depending on the opening range of the fork mounts. Standard ISO 2328 forks can also be used and the fork length can be up to 2400 mm. Very good visibility is to be emphasized which makes safe working possible. Euro pallets can be picked up lengthwise. In addition, this device is characterised by its compact design whereby the forklift retains the greatest possible residual load capacity. Delivery incl. brackets, stubshafts and chain anchors.



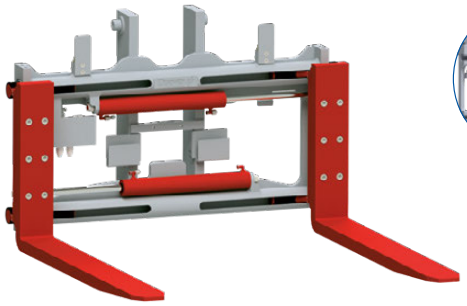
type	lift truck to LC mm	capacity kg LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
RZV 16-IG*	1,0-1,6/500	1600/500	II	850 980 1040	470-910 470-1040 470-1100	100x40x1200	126	255 250 250	129 127 133	215 225 235	145
RZV 20-IG*	1,8-2,0/500	2000/500		850 980 1040 1150	470-910 470-1040 470-1100 470-1210	100x45x1200		280 270 265 265	125 128 130 133	225 240 245 250	155
RZV 25-IG*	2,0/600-2,5/500	2500/500		980 1040 1150 1350	490-1060 490-1120 490-1230 490-1430	120x40x1200		270 270 270 265	125 124 126 124	245 255 260 270	165
RZV 28-IG*	2,5/600	2500/600		1040 1150 1350	495-1125 495-1235 495-1435	125x45x1200		295 290 285	124 126 124	273 280 305	185

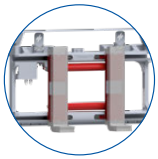
- 2 hydraulic functions required
- without hoses and couplings
- features bolt-on forks as standard
- sideshift via valve, depending on opening range
- for hook-on forks ISO 2328
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as forklift model and mast model details

- weight, COG and LLC do not include brackets
- LLC does not include forks
- protection strip/load backrest see page 248
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed

*Forks longer 1600 mm cross section changes

type	forks b x h mm
RZV 16-IG	100x50
RZV 20-IG	100x50
RZV 25-IG	120x50
RZV 28-IG	125x50





option: protection strip

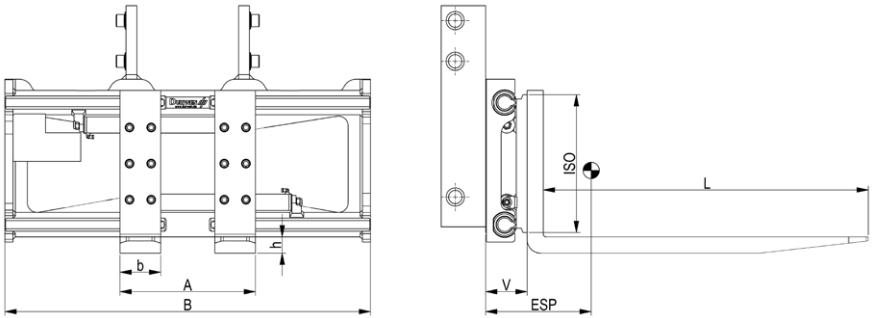
DURWEN Forklift Attachments

Fork positioner

RZV-IG
ISO III

integrated, integral sideshift, bolt-on forks

The fork positioner RZV-IG with bolt-on forks has stable round bar guides in which the two mounting plates with forks are moved. Sideshift by valve allows sideshift depending on the opening range of the fork mounts. Standard ISO 2328 forks can also be used and the fork length can be up to 2400 mm. Very good visibility is to be emphasized which makes safe working possible. Euro pallets can be picked up lengthwise. In addition, this device is characterised by its compact design whereby the forklift retains the greatest possible residual load capacity. Delivery incl. brackets, stubshafts and chain anchors.



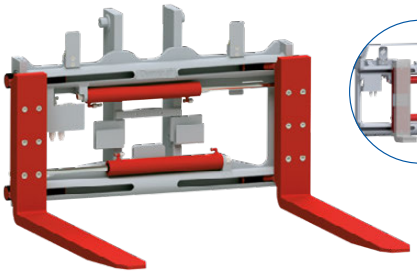
type	lift truck to LC mm	capacity kg LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
RZV 30 -IG*	3,0/500	3000/500	III	1040 1150 1350	495-1125 495-1235 495-1435	125x45x1200	138	273 270 265	161 163 168	300 310 325	205
RZV 35-IG	3,0/600- 3,5/500	3500/500		1150 1350	490-1230 490-1430	140x50x1200	138	295 285	155 158	350 365	246
RZV 40-IG	3,5/600- 4,0/500	4000/500		1150 1350 1550 1750	490-1230 490-1430 490-1630 490-1830	140x50x1200	153	270 260 250 240	149 151 153 155	410 430 450 470	250
RZV 45-IG	4,0/600- 5,0/500	5000/500		1150 1350 1550 1750	500-1240 500-1440 500-1640 500-1840	150x60x1200	153	300 290 280 270	159 163 167 165	455 478 495 515	296
RZV 48-IG	5,0/600	5000/600		1150 1350 1550 1750	500-1240 500-1440 500-1640 500-1840	150x60x1200	153	300 290 280 270	159 163 167 165	460 490 505 520	296

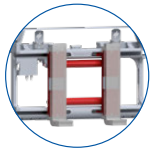
- 2 hydraulic functions required
- without hoses and couplings
- features bolt-on forks as standard
- sideshift via valve, depending on opening range
- for hook-on forks ISO 2328
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as forklift model and mast model details

- weight, COG and LLC do not include brackets
- LLC does not include forks
- protection strip/load backrest see page 248
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed

*Forks longer 1600 mm cross section changes

type	forks b x h mm
RZV 30-IG	125x50





option: protection strip

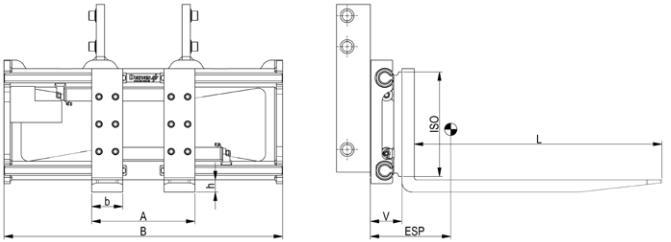
DURWEN Forklift Attachments

Fork positioner

RZV-IG
ISO IV

integrated, integral sideshift, bolt-on forks

The fork positioner RZV-IG with bolt-on forks has stable round bar guides in which the two mounting plates with forks are moved. Sideshift by valve allows sideshift depending on the opening range of the fork mounts. Standard ISO 2328 forks can also be used and the fork length can be up to 2400 mm. Very good visibility is to be emphasized which makes safe working possible. Euro pallets can be picked up lengthwise. In addition, this device is characterised by its compact design whereby the forklift retains the greatest possible residual load capacity. Delivery incl. brackets, stubshafts and chain anchors.

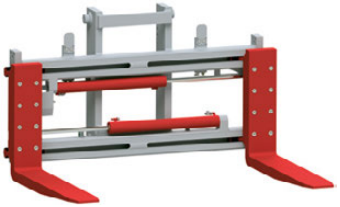


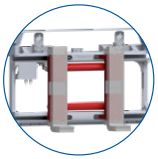
type	lift truck to LC mm	capacity kg LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
RZV 50-IG	5,0/600	5000/600	IV	1250 1350 1450 1550	500-1340 500-1440 500-1540 500-1640	150x70x1200	160	300 295 290 285	203 205 209 212	587 600 615 630	383
RZV 55-IG	5,5/600	5500/600		1250 1350 1450 1550	500-1340 500-1440 500-1540 500-1640	150x70x1200	160	305 300 295 290	203 205 209 212	595 610 625 640	383
RZV 60-IG	6,0/600	6000/600		1460 1860	560-1560 560-1960	150x70x1200	165	240 225	221 231	710 770	394
RZV 70-IG	6,5-7,0/600	7000/600		1460 1860 2060	560-1560 560-1960 560-2160	150x70x1200	165	235 220 215	233 233 233	720 780 820	398
RZV 80-IG	8,0/600	8000/600		1800 1860 2060 2160 2260 2400	560-1900 560-1960 560-2160 560-2260 560-2360 560-2500	200x70x1200	165	245 240 235 233 225 220	216 219 222 226 226 224	885 895 930 948 965 995	510
RZV 100-IG	8,0/900	8000/900		1800 1860 2060 2160 2260 2400	560-1900 560-1960 560-2160 560-2260 560-2360 560-2500	200x80x1200	190	245 244 240 238 235 230	231 234 237 234 231 228	1070 1085 1135 1160 1185 1230	586
RZV 110-IG	8,0/1100	8000/1100		2060 2260 2400	560-2160 560-2360 560-2500	200x80x1200	192	243 238 233	237 232 228	1150 1200 1245	586

- 2 hydraulic functions required
- without hoses and couplings
- features bolt-on forks as standard
- sideshift via valve, depending on opening range

- for hook-on forks ISO 2328
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as forklift model and mast model details

- weight, COG and LLC do not include brackets
- LLC does not include forks
- protection strip/load backrest see page 248
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed





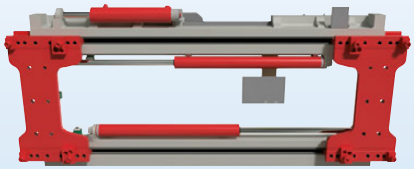
option: protection strip

DURWEN Forklift Attachments

Notes

Fork positioner PZV

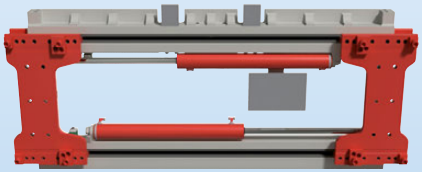
The fork positioner range PZV features T profile guides for positioning of forks. Compact design offers reliability and excellent operator visibility. The lost load center is very good which leads to good residual capacities. There is a wide range of attachments, with constant sideshift or integral sideshift, in combination with bolt-on forks or suitable for hook-on forks.



type PZV-S, constant sideshift, for hook-on forks

*sideshift see table

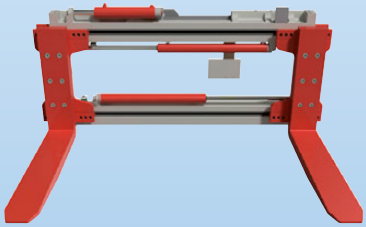
3D product video



type PZV, integral sideshift (via valve), for hook-on forks

max. sideshift = $\frac{\text{max. opening - min. opening}}{4}$

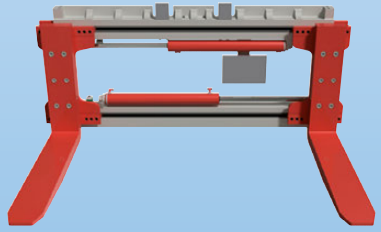
min. sideshift = 0



type PZV-GS, constant sideshift, includes bolt-on forks

*sideshift see table

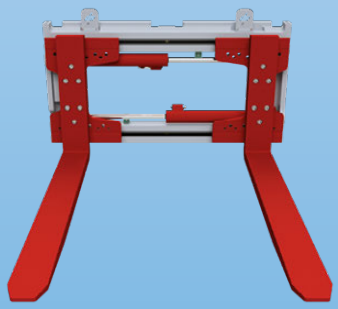
DURWEN DSP ServicePlus



type PZV-G, integral sideshift (via valve), includes bolt-on forks

max. sideshift = $\frac{\text{max. opening - min. opening}}{4}$

min. sideshift = 0



type PZV-GC, hook-on container version

The enhanced sideshift eases loading in tight areas like containers and trailers, with bolt-on forks

Fork positioner type PZV

Durwen app

for hook-on or bolt-on forks

stable frame

available with constant sideshift or integral sideshift

compact design

including ISO adaptor for hook-on forks

wide opening range

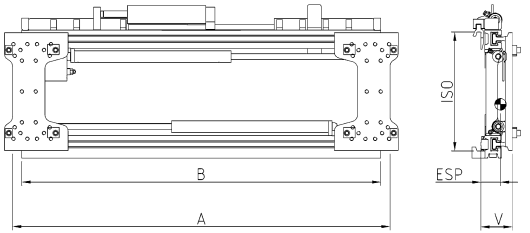
very good visibility

Sideshifting fork positioner

constant sideshift, no forks

PZV-S
ISO II/III

The sideshifting fork positioner PZV-S uses T profile guides for positioning of forks. Compact design offers reliability and excellent operator visibility. Hook-on forks can be used. The constant sideshift operates at any fork position.



type	lift truck capacity to	min. carriage mm	capacity kg/mm LC	ISO	A mm	B mm	sideshift mm	to suit fork width mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
PZV 20-S	1,0-2,0/500	900 900 900	2000/500	II	490-1060 490-1120 490-1230	980 1040 1150	+/- 100	80-150	122	55 54 53	229 229 230	157 162 172
PZV 25-S	2,0-2,5/500	900 900 900 900	2500/500	II	490-1060 490-1120 490-1180 490-1230	980 1040 1100 1150	+/- 100	80-150	122	55 54 53 52	228 229 230 231	159 164 170 174
PZV 28-S	2,5/600	900 900 900	2500/600	II	490-1120 490-1180 490-1230	1040 1100 1150	+/- 100	80-150	122	56 55 54	230 231 232	166 172 176
PZV 30-S	3,0/500	900 980 980 980 1100	3000/500	III	490-1120 490-1230 490-1280 490-1330 490-1430	1040 1150 1200 1250 1350	+/- 100	100-150	129	58 57 56 55 54	281 282 283 284 285	177 187 191 195 205
PZV 35-S	3,0/600- 3,5/500	900 980 980 980 1100	3500/500	III	490-1120 490-1230 490-1280 490-1330 490-1430	1040 1150 1200 1250 1350	+/- 100	120-150	129	58 57 56 55 54	284 285 286 287 288	182 192 196 200 210
PZV 45-S	3,5/600-5,0/500	1050 1050 1150 1150 1150 1150 1200	5000/500	III	490-1230 490-1280 490-1330 490-1380 490-1390 490-1430 490-1530	1150 1200 1250 1300 1310 1350 1450	+/- 100	120-150	136	60 59 58 57 56 55 54	284 285 286 287 288 289 290	223 229 234 239 240 244 254
PZV 48-S	5,0/600	1150 1150	5000/600	III	490-1390 490-1430	1310 1350	+/- 100	120-150	136	58 57	291 290	245 249

- 2 hydraulic functions required
- includes hoses and couplings
- hook-on forks ISO 2328
- bolt-on forks can be used

- forks not included
- protection strip/load backrest see page 248
- for forks up to 2400 mm, longer please ask

- PZV 20-50 allow min. fork position 80 mm inside,
- PZV 60-110 allow min. fork position 160 mm inside
- clamping of goods not allowed

image shows optional hook-on forks

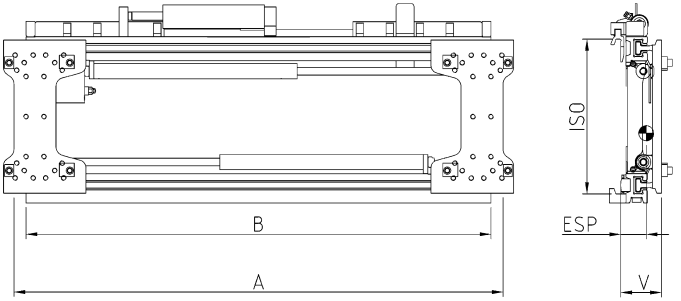
DURWEN Forklift Attachments

Sideshifting fork positioner

constant sideshift, no forks

PZV-S
ISO IV

The sideshifting fork positioner PZV-S uses T profile guides for positioning of forks. Compact design offers reliability and excellent operator visibility. Hook-on forks can be used. The constant sideshift operates at any fork position.



type	lift truck capacity to	min. carriage mm	capacity kg/mm LC	ISO	A mm	B mm	sideshift mm	to suit fork width mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
PZV 50-S	5,0/600	1150 1150 1200	5000/600	IV	490-1330 490-1430 490-1530	1250 1350 1450	+/- 100	130-150	158	64 63 62	379 378 377	301 312 323
PZV 60-S	6,0/600	1200 1600	6000/600	IV	560-1560 560-1960	1460 1860	+/- 100 +/-160	130-200	166	67 64	382 389	464 544
PZV 80-S	7,0-8,0/600	1600 1600 1600 1800 1800	8000/600	IV	560-1900 560-1960 560-2160 560-2360 560-2500	1800 1860 2060 2260 2400	+/-160	150-200	166	68 67 66 65 64	388 387 386 385 384	553 565 597 630 653
PZV 100-S	8,0/900	1700 1700 1700 1800 1800	8000/900	IV	560-1900 560-1960 560-2160 560-2360 560-2500	1800 1860 2060 2260 2400	+/-160	150-200	194	80 80 79 78 77	377 376 375 374 373	674 686 725 764 791
PZV 110-S	8,0/1100	1700 1800 1800	8000/1100	IV	560-2160 560-2360 560-2500	2060 2260 2400	+/-160	150-200	194	77 76 75	347 373 372	730 769 796

- 2 hydraulic functions required
- includes hoses and couplings
- hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- protection strip/load backrest see page 248
- for forks up to 2400 mm, longer please ask
- PZV 20-50 allow min. fork position 80 mm inside,
- PZV 60-110 allow min. fork position 160 mm inside
- clamping of goods not allowed

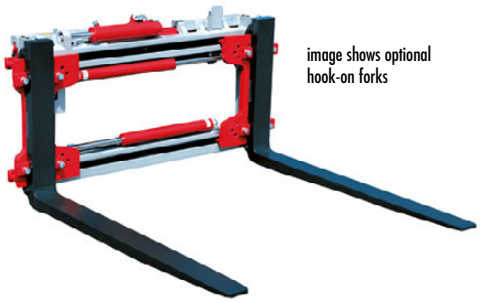


image shows optional hook-on forks

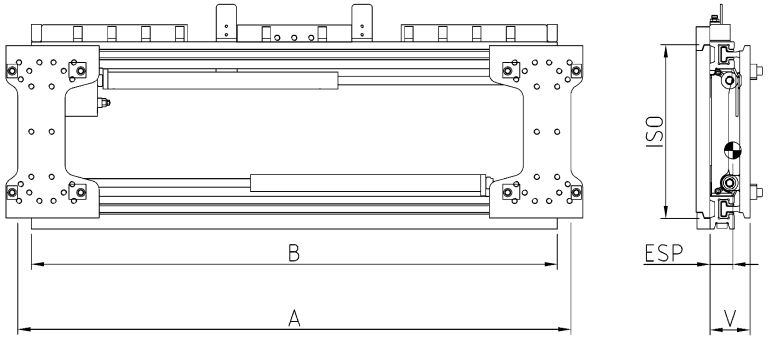
DURWEN Forklift Attachments

Sideshifting fork positioner

integral sideshift, no forks

PZV
ISO II/III

The sideshifting fork positioner PZV uses T profile guides for positioning of forks. Compact design offers reliability and excellent operator visibility. Hook-on forks can be used. The integral sideshift is not available with forks fully open or fully closed.



type	lift truck capacity to	min. carriage mm	capacity kg/mm LC	ISO	A mm	B mm	to suit fork width mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
PZV 25	1,5-2,5/500	900 900 900 900	2500/500	II	490-1060 490-1120 490-1180 490-1230	980 1040 1100 1150	80-150	105	44 43 42 41	219 218 217 216	147 153 157 162	45
PZV 28	2,5/600	900 900 900	2500/600	II	490-1120 490-1180 490-1230	1040 1100 1150	80-150	105	42 41 40	217 216 215	156 160 165	45
PZV 30	3,0/500	900 980 980 980 1100	3000/500	III	490-1120 490-1230 490-1280 490-1330 490-1430	1040 1150 1200 1250 1350	100-150	113	42 42 41 41 40	280 279 278 278 277	173 182 186 190 198	53
PZV 35	3,0/600-3,5/500	900 980 980 980 1100	3500/500	III	490-1120 490-1230 490-1280 490-1330 490-1430	1040 1150 1200 1250 1350	120-150	113	43 42 41 40 39	280 279 278 277 276	177 182 187 192 202	53
PZV 45	3,5/600-5,0/500	1050 1150 1150 1150 1150 1200	5000/500	III	490-1230 490-1330 490-1380 490-1390 490-1430 490-1530	1150 1250 1300 1310 1350 1450	120-150	120	49 48 47 46 45 44	280 279 278 277 276 275	205 218 225 226 231 244	63
PZV 48	5,0/600	1150 1150	5000/600	III	490-1390 490-1430	1310 1350	120-150	120	45 44	278 277	231 235	63

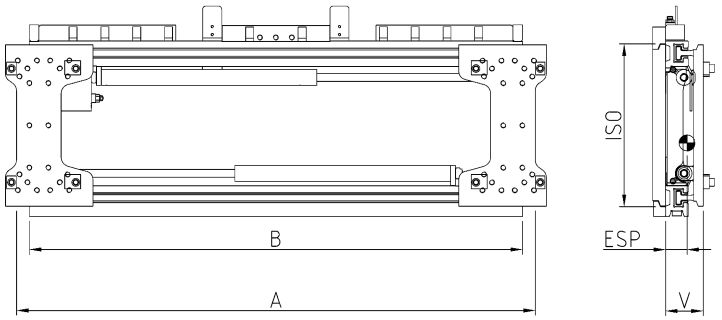
- 2 hydraulic functions required
- includes hoses and couplings
- hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- if no sideshift required indicate on your order
- protection strip/load backrest see page 248
- for forks up to 2400 mm, longer please ask
- PZV 20-50 allow min. fork position 80 mm inside,
- PZV 60-110 allow min. fork position 160 mm inside
- clamping of goods not allowed

Sideshifting fork positioner

integral sideshift, no forks

PZV ISO IV

The sideshifting fork positioner PZV uses T profile guides for positioning of forks. Compact design offers reliability and excellent operator visibility. Hook-on forks can be used. The integral sideshift is not available with forks fully open or fully closed.



type	lift truck capacity to	min. carriage mm	capacity kg/mm LC	ISO	A mm	B mm	to suit fork width mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
PZV 50	5,0/600	1150 1150 1200	5000/600	IV	490-1330 490-1430 490-1530	1250 1350 1450	130-150	135	50 49 48	348 347 346	278 283 288	85 85 85
PZV 60	6,0/600	1200 1600	6000/600	IV	560-1560 560-1960	1460 1860	130-200	143	51 50	358 357	410 468	114 114
PZV 80	7,0-8,0/600	1600 1600 1600 1800 1800	8000/600	IV	560-1900 560-1960 560-2160 560-2360 560-2500	1800 1860 2060 2260 2400	150-200	143	54 53 52 51 50	356 355 355 354 353	477 485 513 541 561	132 132 132 132 132
PZV 100	8,0/900	1700 1700 1700 1800 1800	8000/900	IV	560-1900 560-1960 560-2160 560-2360 560-2500	1800 1860 2060 2260 2400	150-200	171	64 63 62 61 61	358 357 356 355 355	633 644 680 716 741	185 186 186 186 187
PZV 110	8,0/1100	1700 1800 1800	8000/1100	IV	560-2160 560-2360 560-2500	2060 2260 2400	150-200	171	61 60 59	355 354 353	685 721 746	186 186 187

- 2 hydraulic functions required
- includes hoses and couplings
- hook-on forks ISO 2328
- bolt-on forks can be used

- forks not included
- if no sideshift required indicate on your order
- protection strip/load backrest see page 248
- for forks up to 2400 mm, longer please ask

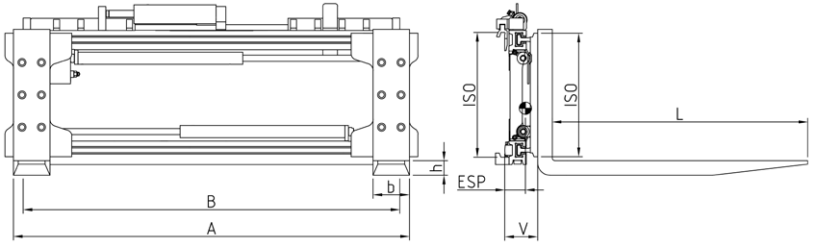
- PZV 20-50 allow min. fork position 80 mm inside,
- PZV 60-110 allow min. fork position 160 mm inside
- clamping of goods not allowed

Sideshifting fork positioner

constant sideshift, bolt-on forks

PZV-GS
ISO II/III

The sideshifting fork positioner PZV-GS uses T profile guides for positioning of forks. Compact design offers reliability and excellent operator visibility. The constant sideshift operates at any fork position.



type	lift truck capacity to	min. carriage mm	capacity kg/mm LC	ISO	A mm	B mm	sideshift mm	forks mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
PZV 16-GS*	1,6/500	760 900 900	1600/500	II	470-910 470-1040 470-1100	850 980 1040	+/-75 +/-100 +/-100	100x40x1200	122	239 238 237	147 148 149	241 243 258
PZV 20-GS*	1,8/500- 2,0/500	760 900 900 900	2000/500	II	470-910 470-1040 470-1110 470-1210	850 980 1040 1150	+/-75 +/-100 +/-100 +/-100	100x45x1200	122	245 244 243 242	143 144 145 146	255 265 270 280
PZV 25-GS*	2,0/600- 2,5/500	900 900 900 900	2500/500	II	490-1060 490-1120 490-1180 490-1230	980 1040 1100 1150	+/-100	120x40x1200	122	253 252 251 250	141 142 143 144	273 278 284 288
PZV 28-GS*	2,5/600	900 900 900	2500/600	II	495-1125 495-1185 495-1235	1040 1100 1150	+/-100	125x45x1200	122	270 269 268	136 135 134	298 304 308
PZV 30-GS*	3,0/500	900 980 980 980 1100	3000/500	III	475-1105 475-1215 475-1265 475-1315 475-1415	1040 1150 1200 1250 1350	+/-100	125x45x1200	129	251 250 249 248 247	183 184 185 186 187	320 330 334 338 348
PZV 35-GS	3,0/600- 3,5/500	900 980 980 980 1100	3500/500	III	490-1120 490-1230 490-1280 490-1330 490-1430	1040 1150 1200 1250 1350	+/-100	140x50x1200	129	288 285 286 285 284	166 167 168 169 170	357 367 371 375 385
PZV 45-GS	3,5/600- 5,0/500	1050 1050 1150 1150 1150 1150 1200	5000/500	III	490-1230 490-1280 490-1330 490-1380 490-1390 490-1430 490-1530	1150 1200 1250 1300 1310 1350 1450	+/-100	150x60x1200	136	295 294 293 292 291 290 289	177 176 175 174 173 172 171	452 458 463 468 470 473 483
PZV 48-GS	5,0/600	1150 1150	5000/600	III	490-1390 490-1430	1310 1350	+/-100	150x60x1200	136	289 288	175 147	473 477

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- bolt-on forks as standard
- hook-on forks ISO 2328
- protection strip/load backrest see page 248
- for forks up to 2400 mm, longer please ask
- clamping of goods not allowed

*Forks longer 1600 mm cross section changes

type	forks b x h mm
PZV 16-GS	100x45
PZV 20-GS	100x50
PZV 25-GS	120x50
PZV 28-GS	125x50
PZV 30-GS	125x50

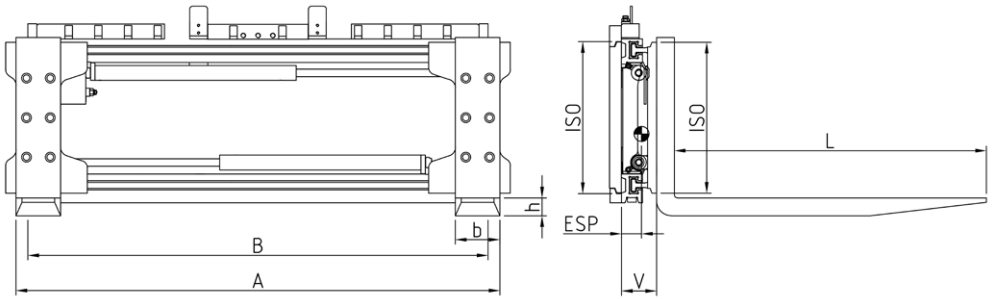
DURWEN Forklift Attachments

Sideshifting fork positioner

constant sideshift, bolt-on forks

PZV-GS
ISO IV

The sideshifting fork positioner PZV-GS uses T profile guides for positioning of forks. Compact design offers reliability and excellent operator visibility. The constant sideshift operates at any fork position.



type	lift truck capacity to	min. carriage mm	capacity kg/mm LC	ISO	A mm	B mm	sideshift mm	forks mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
PZV 50-GS	5,0/600	1150 1150 1200	5000/600	IV	490-1330 490-1430 490-1530	1250 1350 1450	+/-100	150x70x1200	158	292 288 284	221 223 225	602 613 624
PZV 60-GS	6,0/600	1200 1200	6000/600	IV	560-1560 560-1960	1460 1860	+/- 100 +/-160	150x70x1200	166	233 230	265 272	764 844
PZV 80-GS	7,0-8,0/600	1600 1600 1600 1800 1800	8000/600	IV	560-1900 560-1960 560-2160 560-2360 560-2500	1800 1860 2060 2260 2400	+/-160	200x70x1200	166	254 253 252 251 250	258 257 256 255 254	952 964 996 1029 1052
PZV 100-GS	8,0/900	1700 1700 1700 1800 1800	8000/900	IV	560-1900 560-1960 560-2160 560-2360 560-2500	1800 1860 2060 2260 2400	+/-160	200x80x1200	194	274 272 266 260 255	250 251 255 259 261	1132 1144 1183 1222 1249
PZV 110-GS	8,0/1100	1700 1800 1800	8000/1100	IV	560-2160 560-2360 560-2500	2060 2260 2400	+/-160	200x80x1200	194	264 258 253	256 260 262	1190 1229 1256

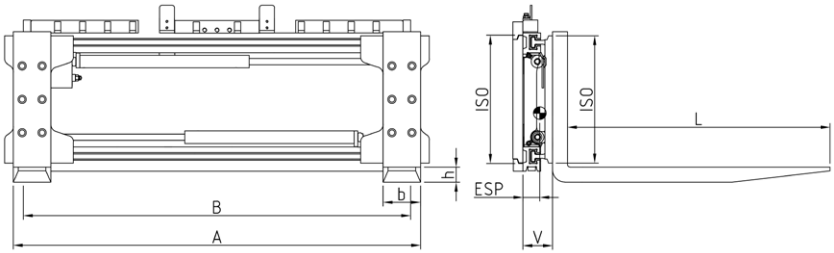
- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- bolt-on forks as standard
- hook-on forks ISO 2328
- protection strip/load backrest see page 248
- for forks up to 2400 mm, longer please ask
- clamping of goods not allowed

Sideshifting fork positioner

integral sideshift, bolt-on forks

PZV-G
ISO II/III

The sideshifting fork positioner PZV-G uses T profile guides for positioning of forks. Compact design offers reliability and excellent operator visibility. The integral sideshift depends on the actual fork position.



type	lift truck capacity to	min. carriage mm	capacity kg/mm LC	ISO	A mm	B mm	forks mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
PZV 16-G*	1,6/500	760 900 900	1600/500	II	470-910 470-1040 470-1100	850 980 1040	100x40x1200	105	231 230 229	139 138 137	230 243 249	139 139 140
PZV 20-G*	1,8/500-2,0/500	760 900 900 900	2000/500	II	470-910 470-1040 470-1110 470-1210	850 980 1040 1150	100x45x1200	105	239 238 237 236	138 137 136 135	244 255 260 269	141 151 152 153
PZV 25-G*	2,0/600-2,5/500	900 900 900 900	2500/500	II	490-1060 490-1120 490-1180 490-1230	980 1040 1100 1150	120x40x1200	105	255 254 253 252	130 129 128 127	264 269 274 278	158 159 160 161
PZV 28-G*	2,5/600	900 900 900	2500/600	II	495-1125 495-1185 495-1235	1040 1100 1150	125x45x1200	105	268 267 266	124 123 122	289 293 298	178 179 180
PZV 30-G*	3,0/500	900 980 980 980 1100	3000/500	III	475-1105 475-1215 475-1265 475-1315 475-1415	1040 1150 1200 1250 1350	125x45x1200	113	252 248 245 242 238	172 174 175 176 178	318 327 331 335 343	197 198 199 200 201
PZV 35-G	3,0/600-3,5/500	900 980 980 980 1100	3500/500	III	490-1120 490-1230 490-1280 490-1330 490-1430	1040 1150 1200 1250 1350	140x50x1200	113	280 274 271 269 263	160 162 163 164 166	352 361 365 369 377	232 233 234 235 236
PZV 45-G	3,5/600-5,0/500	1050 1150 1150 1150 1150 1200	5000/500	III	490-1230 490-1330 490-1380 490-1390 490-1430 490-1530	1150 1250 1300 1310 1350 1450	150x60x1200	120	296 289 286 285 282 275	156 157 158 159 160 161	433 446 453 454 459 472	293 294 295 296 297 298
PZV 48-G	5,0/600	1150 1150	5000/600	III	490-1390 490-1430	1310 1350	150x60x1200	120	283 280	162 163	456 461	297 298

- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve, depending on opening range
- bolt-on forks as standard
- hook-on forks ISO 2328
- protection strip/load backrest see page 248
- clamping of goods not allowed

*Forks longer 1600 mm cross section changes

type	forks b x h mm
PZV 16-G	100x45
PZV 20-G	100x50
PZV 25-G	120x50
PZV 28-G	125x50
PZV 30-G	125x50

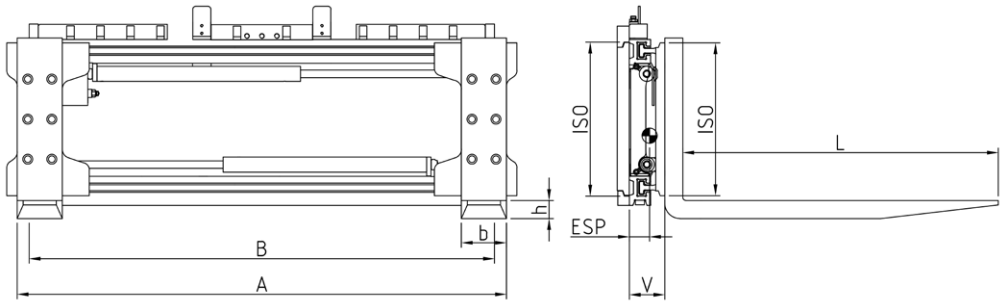
DURWEN Forklift Attachments

Sideshifting fork positioner

integral sideshift, bolt-on forks

PZV-G
ISO IV

The sideshifting fork positioner PZV-G uses T profile guides for positioning of forks. Compact design offers reliability and excellent operator visibility. The integral sideshift depends on the actual fork position.



type	lift truck capacity to	min. carriage mm	capacity kg/mm LC	ISO	A mm	B mm	forks mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
PZV 50-G	5,0/600	1150 1150 1200	5000/600	IV	490-1330 490-1430 490-1530	1250 1350 1450	150x70x1200	135	288 284 280	196 198 200	566 575 584	386 387 388
PZV 60-G	6,0/600	1200 1600	6000/600	IV	560-1560 560-1960	1460 1860	150x70x1200	143	245 230	232 241	708 764	410 412
PZV 80-G	7,0-8,0/600	1600 1600 1600 1800 1800	8000/600	IV	560-1900 560-1960 560-2160 560-2360 560-2500	1800 1860 2060 2260 2400	200x70x1200	143	260 258 252 246 242	222 223 227 231 234	877 885 912 939 958	443 444 445 446 447
PZV 100-G	8,0/900	1700 1700 1700 1800 1800	8000/900	IV	560-1900 560-1960 560-2160 560-2360 560-2500	1800 1860 2060 2260 2400	200x80x1200	171	263 261 254 247 242	229 231 237 243 247	1091 1102 1138 1174 1199	528 529 530 531 532
PZV 110-G	8,0/1100	1700 1800 1800	8000/1100	IV	560-2160 560-2360 560-2500	2060 2260 2400	200x80x1200	171	252 245 240	238 244 248	1143 1179 1204	533 534 535

- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve, depending on opening range
- bolt-on forks as standard
- hook-on forks ISO 2328
- protection strip/load backrest see page 248
- for forks up to 2400 mm, longer please ask
- clamping of goods not allowed

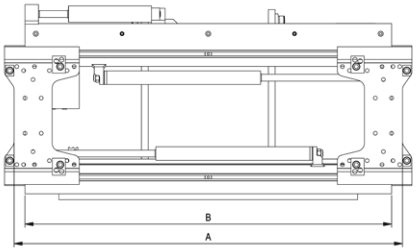
DURWEN Forklift Attachments

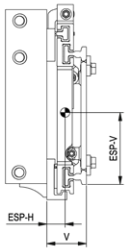
Fork positioner

PZV-SI ISO II/III

integrated, constant sideshift, no forks

The fork positioner PZV-SI uses T-profiles to adjust the forks. The compact design offers reliability and excellent visibility for the driver. A constant sideshift allows the entire sideshift to be used in any fork position. The standard fork according to ISO 2328 is used. Low weight and a small lost load center support good residual capacity values.



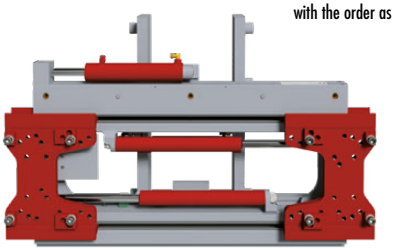


type	lift truck to LC mm	capacity kg LC mm	ISO	B mm	A mm	b forks mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
PZV 25-SI	1,0-2,5/500	2500/500	II	980 1040 1100 1150	490-1060 490-1120 490-1180 490-1230	150	+/-100	133	58 59 59 60	237 236 236 235	217 222 226 230
PZV 28-SI	2,5/600	2500/600	II	1040 1100 1150	490-1120 490-1180 490-1230			133	59 60 61	235 234 233	227 230 235
PZV 30-SI	3,0/500	3000/500	III	1040 1150 1200 1250 1350	490-1120 490-1230 490-1280 490-1330 490-1430			146	64 63 63 62 62	287 287 286 286 285	250 255 260 267 279
PZV 35-SI	3,0/600-3,5/500	3500/500	III	1040 1150 1200 1250 1350	490-1120 490-1230 490-1280 490-1330 490-1430			146	65 64 64 64 63	289 288 288 287 286	250 260 265 272 284
PZV 45-SI	3,5/600-5,0/500	5000/500	III	1150 1250 1300 1310 1350 1450	490-1230 490-1330 490-1380 490-1390 490-1430 490-1530			162	73 73 72 72 72 71	305 305 305 305 305 306	318 336 345 346 350 366
PZV 48-SI	5,0/600	5000/600	III	1310 1350 1550	490-1390 490-1430 490-1630			162	73 72 71	303 304 305	351 355 387

- 2 hydraulic functions required
- without hoses and couplings
- constant sideshift as standard
- for hook-on forks ISO 2328

- bolt-on forks can be used
- forks not included
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as forklift model and mast model details

- weight, COG and LLC do not include brackets
- LLC does not include forks
- protection strip/load backrest see page 248
- for forks up to 2400 mm, longer please ask
- PZV 20-50 allow min. fork position 80 mm inside, PZV 60-110 allow min. fork position 160 mm inside
- clamping of goods is not allowed



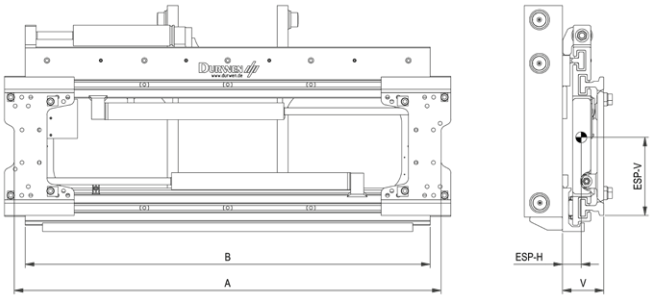
DURWEN Forklift Attachments

Fork positioner

PZV-SI
ISO IV

integrated, constant sideshift, no forks

The fork positioner PZV-SI uses T-profiles to adjust the forks. The compact design offers reliability and excellent visibility for the driver. A constant sideshift allows the entire sideshift to be used in any fork position. The standard fork according to ISO 2328 is used. Low weight and a small lost load center support good residual capacity values.

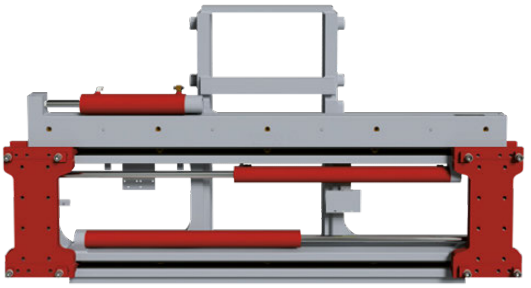


type	lift truck to LC mm	capacity kg LC mm	ISO	B mm	A mm	b forks mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
PZV 50-SI	5,0/600	5000/600	IV	1250 1350 1450	490-1330 490-1430 490-1530	150	+/-100	177	85 82 78	375 374 373	363 379 395
PZV 60-SI	6,0/600	6000/600		1460 1860	560-1560 560-1960	200	+/-100 +/-160	190	85 81	378 375	560 685
PZV 70-SI	6,5-7,0/600	7000/600		1860 2060	560-1960 560-2160	200	+/-160	190	85 84	380 378	690 753
PZV 80-SI	8,0/600	8000/600		1800 1860 2060 2260 2400	560-1900 560-1960 560-2160 560-2360 560-2500	200	+/-160	190	84 84 83 82 80	381 379 377 376 374	700 711 746 782 807
PZV 100-SI	8,0/900	8000/900		1800 1860 2060 2260 2400	560-1900 560-1960 560-2160 560-2360 560-2500	200	+/-160	227	104 104 102 100 98	393 392 390 388 387	1030 1040 1080 1120 1150
PZV 110-SI	8,0/1100	8000/1100		2060 2260 2400	560-2160 560-2360 560-2500	200	+/-160	227	101 99 97	392 390 389	1090 1130 1160

- 2 hydraulic functions required
- without hoses and couplings
- constant sideshift as standard
- for hook-on forks ISO 2328

- bolt-on forks can be used
- forks not included
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as forklift model and mast model details

- weight, COG and LLC do not include brackets
- LLC does not include forks
- protection strip/load backrest see page 248
- for forks up to 2400 mm, longer please ask
- PZV 20-50 allow min. fork position 80 mm inside, PZV 60-110 allow min. fork position 160 mm inside
- clamping of goods is not allowed



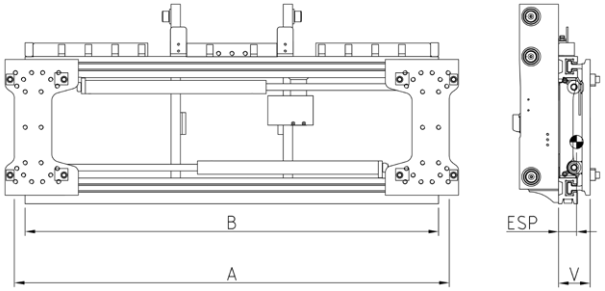
DURWEN Forklift Attachments

Fork positioner

PZV-I
ISO II/III

integrated, integral sideshift (via valve), no forks

The fork positioner PZV-I uses T-profiles to adjust the forks. The compact design offers reliability and excellent visibility for the driver. The standard fork according to ISO 2328 is used. The integral sideshift depends on the actual fork position.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	b mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
PZV 25-I	2500/500	1,5-2,5/500	II	980 1040 1100 1150	490-1060 490-1120 490-1180 490-1230	80-150	105	46 45 44 43	208 207 206 205	137 143 147 152	45 46 47 48
PZV 28-I	2500/600	2,5/600	II	1040 1100 1150	490-1120 490-1180 490-1230	80-150	105	43 42 41	207 206 205	146 150 155	46 47 48
PZV 30-I	3000/500	3,0/500	III	1040 1150 1200 1250 1350	490-1120 490-1230 490-1280 490-1330 490-1430	100-150	113	46 45 44 43 42	265 264 263 262 261	158 167 171 175 183	53 54 55 56 57
PZV 35-I	3500/500	3,0/600-3,5/500	III	1040 1150 1200 1250 1350	490-1120 490-1230 490-1280 490-1330 490-1430	120-150	113	46 45 44 43 42	265 264 263 262 261	162 167 172 177 187	53 54 55 56 57
PZV 45-I	5000/500	3,5/600- 5,0/500	III	1150 1250 1300 1310 1350 1450	490-1230 490-1330 490-1380 490-1390 490-1430 490-1530	120-150	120	52 51 50 49 48 47	258 257 256 256 256 255	185 198 205 206 211 242	63 64 65 66 67 68
PZV 48-I	5000/600	5,0/600	III	1310 1350	490-1390 490-1430	120-150	120	50 49	258 257	211 215	68 69

- 2 hydraulic functions required
- without hoses and couplings
- includes integral sideshift, depending on opening range
- for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as forklift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- load backrest/protection strip type LS-RP see page 248
- for forks up to 2400 mm, longer please ask
- PZV 20-50 allow min. fork position 80 mm inside, PZV 60-110 allow min. fork position 160 mm inside
- clamping of goods is not allowed

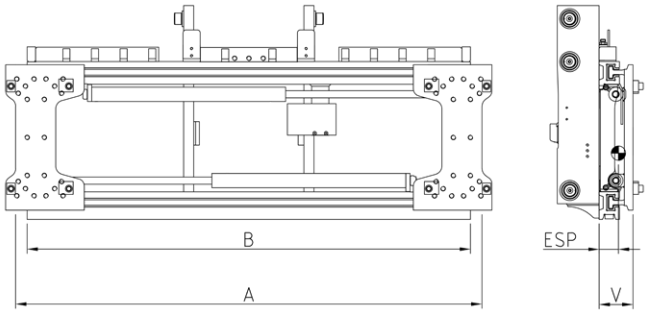
DURWEN Forklift Attachments

Fork positioner

PZV-I
ISO IV

integrated, integral sideshift (via valve), no forks

The fork positioner PZV-I uses T-profiles to adjust the forks. The compact design offers reliability and excellent visibility for the driver. The standard fork according to ISO 2328 is used. The integral sideshift depends on the actual fork position.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	b mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
PZV 50-I	5000/600	5,0/600	IV	1250 1350 1450	490-1330 490-1430 490-1530	130-150	135	57 56 55	328 329 326	253 258 263	85 86 87
PZV 60-I	6000/600	6,0/600	IV	1460 1860	560-1560 560-1960	130-200	143	59 58	333 332	380 438	114 115
PZV 80-I	8000/600	7,0-8,0/600	IV	1800 1860 2060 2260 2400	560-1900 560-1960 560-2160 560-2360 560-2500	150-200	143	62 62 61 60 59	331 330 330 329 328	447 455 483 511 531	132 133 134 135 136
PZV 100-I	8000/900	8,0/900	IV	1800 1860 2060 2260 2400	560-1900 560-1960 560-2160 560-2360 560-2500	150-200	171	74 73 72 71 70	333 332 331 330 329	603 614 650 686 711	185 186 187 188 189
PZV 110-I	8000/1100	8,0/1100	IV	2060 2260 2400	560-2160 560-2360 560-2500	150-200	171	72 71 70	330 329 328	655 691 716	187 188 189

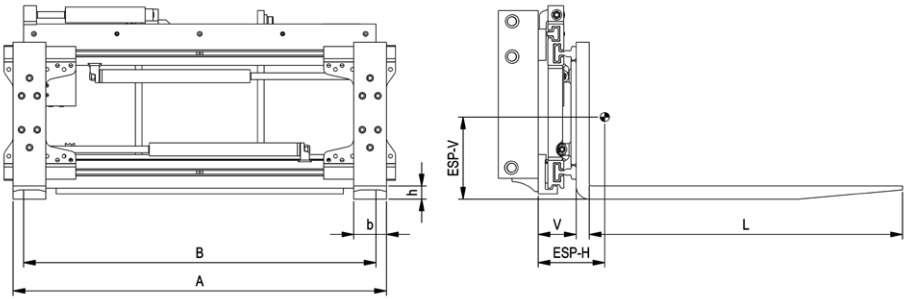
- 2 hydraulic functions required
- without hoses and couplings
- includes integral sideshift, depending on opening range
- for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as forklift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- load backrest/protection strip type LS-RP see page 248
- for forks up to 2400 mm, longer please ask
- PZV 20-50 allow min. fork position 80 mm inside, PZV 60-110 allow min. fork position 160 mm inside
- clamping of goods is not allowed

Fork positioner

PZV-GSI ISO II

integrated, constant sideshift, bolt-on forks

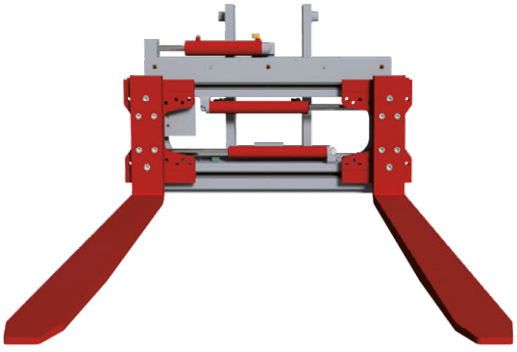
The fork positioner PZV-GSI uses T-profiles to adjust the forks. The compact design offers reliability and excellent visibility fo the driver. A constant sideshift allows the entire sideshift to be used in any fork position. Also prepared for the use of standard forks according to ISO 2328. Low weight and a small lost load center support a very good residual capacity. Bolt-on forks are included.



type	lift truck to LC mm	capacity kg LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
PZV 16-GSI*	1,0-1,6/500	1600/500	II	850 980 1040	470-910 470-1040 470-1100	100x40x1200	+/-75 +/-100 +/-100	133	221 215 210	243 244 245	295 309 315
PZV 20-GSI*	1,8-2,0/500	2000/500		850 980 1040 1150	470-910 470-1040 470-1100 470-1210	100x45x1200	+/-75 +/-100 +/-100 +/-100	133	240 235 233 230	238 239 240 241	300 314 320 332
PZV 25-GSI*	2,0/600- 2,5/500	2500/500		980 1040 1150	490-1060 490-1120 490-1230	120x40x1200	+/-100	133	230 228 226	235 236 237	327 333 345
PZV 28-GSI*	2,5/600	2500/600		1040 1150	495-1125 495-1235	125x45x1200	+/-100	138	244 241	228 229	356 368

- 2 hydraulic functions required
- without hoses and couplings
- constant sideshift as standard
- bolt-on forks as standard
- for hook-on forks ISO 2328
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as forklift model and mast model details

- weight, COG and LLC do not include brackets
- LLC does not include forks
- protection strip/load backrest see page 248
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed



*Forks longer 1600 mm cross section changes

type	forks b x h mm
PZV 16-GSI	100x45
PZV 20-GSI	100x50
PZV 25-GSI	120x50
PZV 28-GSI	125x50

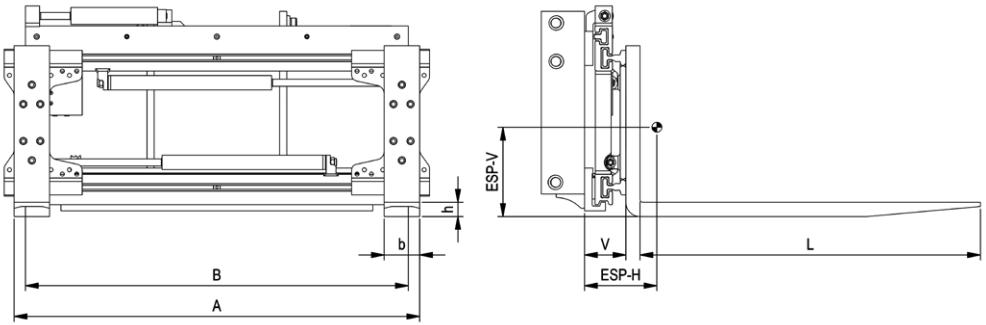
DURWEN Forklift Attachments

Fork positioner

PZV-GSI
ISO III

integrated, constant sideshift, bolt-on forks

The fork positioner PZV-GSI uses T-profiles to adjust the forks. The compact design offers reliability and excellent visibility for the driver. A constant sideshift allows the entire sideshift to be used in any fork position. Also prepared for the use of standard forks according to ISO 2328. Low weight and a small lost load center support a very good residual capacity. Bolt-on forks are included.

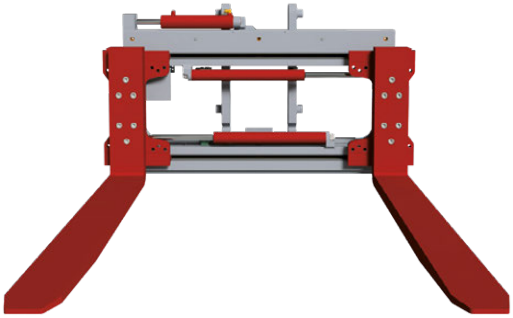


type	lift truck to LC mm	capacity kg LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
PZV 30-GSI*	3,0/500	3000/500	III	1040 1150 1350	495-1120 495-1230 495-1430	125x45x1200	+/-100	146	239 235 229	275 276 277	400 405 419
PZV 35-GSI	3,0/600- 3,5/500	3500/500		1150 1350	490-1230 490-1430	140x50x1200		146	260 249	264 268	440 463
PZV 45-GSI	3,5/600- 5,0/500	5000/500		1150 1350 1450	490-1230 490-1430 490-1530	150x60x1200		162	270 266 263	278 280 282	544 578 595
PZV 48-GSI	5,0/600	5000/600		1310 1350 1550	490-1390 490-1430 490-1630	150x60x1200		162	269 268 267	279 280 281	576 583 618

- 2 hydraulic functions required
- without hoses and couplings
- constant sideshift as standard
- bolt-on forks as standard
- for hook-on forks ISO 2328
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as forklift model and mast model details

- weight, COG and LLC do not include brackets
- LLC does not include forks
- protection strip/load backrest see page 248
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed

*Forks longer 1600 mm cross section changes	
type	forks b x h mm
PZV 30-GSI	125x50



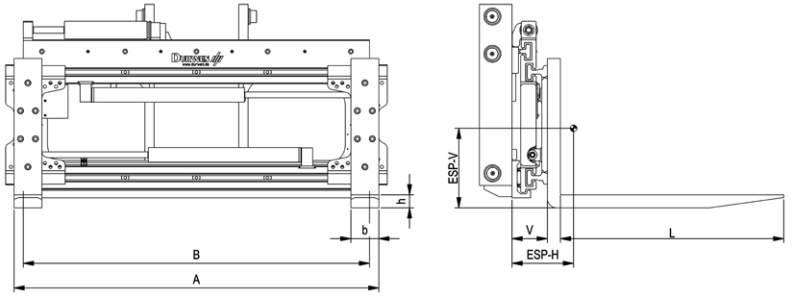
DURWEN Forklift Attachments

Fork positioner

PZV-GSI ISO IV

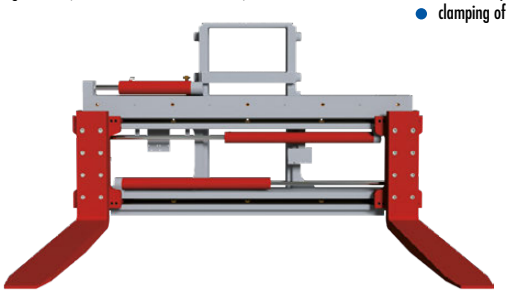
integrated, constant sideshift, bolt-on forks

The fork positioner PZV-GSI uses T-profiles to adjust the forks. The compact design offers reliability and excellent visibility for the driver. A constant sideshift allows the entire sideshift to be used in any fork position. Also prepared for the use of standard forks according to ISO 2328. Low weight and a small lost load center support a very good residual capacity. Bolt-on forks are included.



type	lift truck to LC mm	capacity kg LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
PZV 50-GSI	5,0/600	5000/600	IV	1250 1350 1450	490-1330 490-1430 490-1530	150x70x1200	+/-100	177	288 283 278	363 364 365	663 679 695
PZV 60-GSI	6,0/600	6000/600		1460 1860	560-1560 560-1960	150x70x1200	+/-100 +/-160	190	235 225	408 409	860 985
PZV 70-GSI	6,5-7,0/600	7000/600		1860 2060	560-1960 560-2160	150x70x1200	+/-160	190	226 221	410 411	990 1053
PZV 80-GSI	8,0/600	8000/600		1800 1860 2060 2260 2400	560-1900 560-1960 560-2160 560-2360 560-2500	200x70x1200	+/-160	190	250 249 248 246 242	391 392 393 394 395	1089 1100 1135 1171 1196
PZV 100-GSI	8,0/900	8000/900		1800 1860 2060 2260 2400	560-1900 560-1960 560-2160 560-2360 560-2500	200x80x1200	+/-160	227	271 267 254 241 231	407 409 415 421 425	1490 1500 1540 1580 1610
PZV 110-GSI	8,0/1100	8000/1100		2060 2260 2400	560-2160 560-2360 560-2500	200x80x1200	+/-160	227	253 240 230	417 423 427	1550 1590 1620

- 2 hydraulic functions required
- without hoses and couplings
- constant sideshift as standard
- bolt-on forks as standard
- for hook-on forks ISO 2328
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as forklift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- protection strip/load backrest see page 248
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed



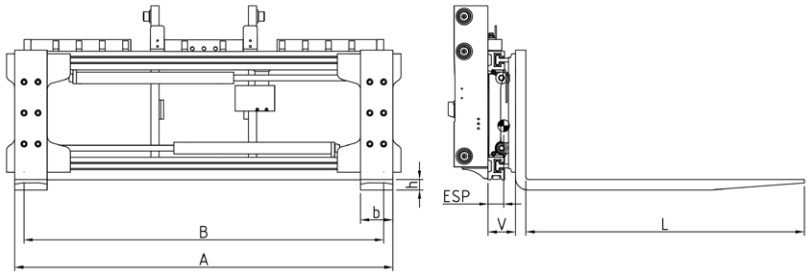
DURWEN Forklift Attachments

Fork positioner

PZV-IG
ISO II

integrated, integral sideshift, bolt-on forks

The fork positioner PZV-IG uses T-profiles to adjust the forks. The compact design offers reliability and excellent visibility for the driver. An integral sideshift depends on the actual fork position. Also prepared for the use of standard forks according to ISO 2328. Bolt-on forks are included.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
PZV 16-IG*	1600/500	1,0-1,5/500	II	850 980 1040	470-910 470-1040 470-1100	100x40x1200	105	233 232 231	129 128 127	225 238 244	139 140 141
PZV 20-IG*	2000/500	1,8-2,0/500	II	850 980 1040 1150	470-910 470-1040 470-1100 470-1210	100x45x1200	105	241 240 239 238	127 126 125 124	239 250 255 264	150 151 152 153
PZV 25-IG*	2500/500	2,0/600- 2,5/500	II	980 1040 1100 1150	490-1060 490-1120 490-1180 490-1230	120x40x1200	105	257 256 255 254	120 119 118 117	259 264 269 273	158 159 160 161
PZV 28-IG*	2500/600	2,5/600	II	1040 1100 1150	495-1125 495-1185 495-1235	125x45x1200	105	270 269 268	114 113 112	284 288 293	178 179 180

- 2 hydraulic functions required
- without hoses and couplings
- includes integral sideshift, depending on opening range
- bolt-on forks as standard
- for hook-on forks ISO 2328
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as forklift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- protection strip/load backrest see page 248
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed

*Forks longer 1600 mm cross section changes

type	forks b x h mm
PZV 16-IG	100x45
PZV 20-IG	100x50
PZV 25-IG	120x50
PZV 28-IG	125x50

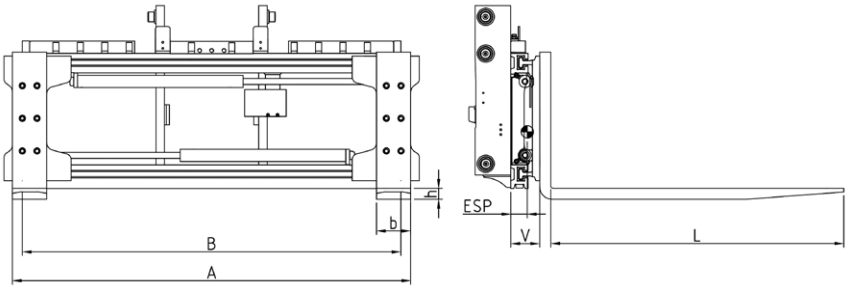
DURWEN Forklift Attachments

Sideshifting fork positioner

PZV-IG
ISO III

integrated, integral sideshift, bolt-on forks

The fork positioner PZV-IG uses T-profiles to adjust the forks. The compact design offers reliability and excellent visibility for the driver. An integral sideshift depends on the actual fork position. Also prepared for the use of standard forks according to ISO 2328. Bolt-on forks are included.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg	moving mass kg
PZV 30-IG*	3000/500	3,0/500	III	1040 1150 1200 1250 1350	490-1120 490-1230 490-1280 490-1330 490-1430	125x45x1200	113	255 251 248 245 241	157 159 160 161 163	308 315 321 325 333	197 198 199 200 201
PZV 35-IG	3500/500	3,0/600- 3,5/500	III	1040 1150 1200 1250 1350	490-1120 490-1230 490-1280 490-1330 490-1430	140x50x1200	113	283 277 274 272 266	145 147 148 149 151	342 350 355 359 367	232 233 234 235 236
PZV 45-IG	5000/500	3,5/600- 5,0/500	III	1150 1250 1300 1310 1350 1450	490-1230 490-1330 490-1380 490-1390 490-1430 490-1530	150x60x1200	120	301 294 291 290 287 280	136 139 141 141 142 145	418 431 438 439 444 457	293 294 295 296 297 298
PZV 48-IG	5000/600	5,0/600	III	1310 1350	490-1390 490-1430	150x60x1200	120	288 285	142 143	441 446	293 294

- 2 hydraulic functions required
- without hoses and couplings
- includes integral sideshift, depending on opening range
- bolt-on forks as standard
- for hook-on forks ISO 2328
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as forklift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- protection strip/load backrest see page 248
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed

*Forks longer 1600 mm cross section changes

type	forks b x h mm
PZV 30-IG	125x50

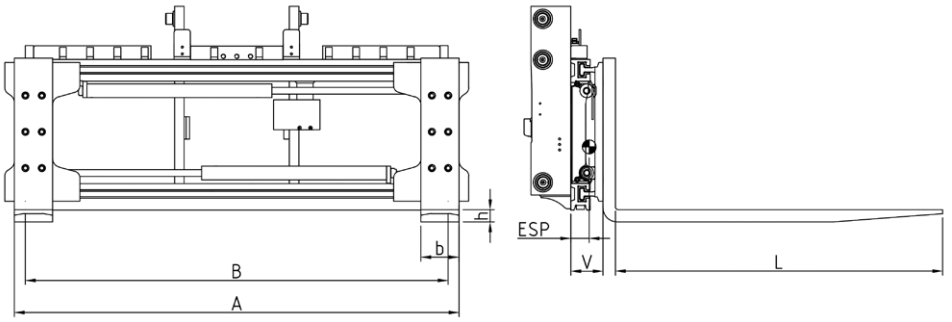
DURWEN Forklift Attachments

Fork positioner

PZV-IG
ISO IV

integrated, integral sideshift, bolt-on forks

The fork positioner PZV-IG uses T-profiles to adjust the forks. The compact design offers reliability and excellent visibility for the driver. An integral sideshift depends on the actual fork position. Also prepared for the use of standard forks according to ISO 2328. Bolt-on forks are included.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
PZV 50-IG	5000/600	5,0/600	IV	1250 1350 1450	490-1330 490-1430 490-1530	150x70x1200	135	295 291 287	176 178 180	551 560 569	386 387 388
PZV 60-IG	6000/600	6,0/600	IV	1460 1860	560-1560 560-1960	150x70x1200	143	253 238	207 216	688 744	410 411
PZV 80-IG	8000/600	7,0-8,0/600	IV	1800 1860 2060 2260 2400	560-1900 560-1960 560-2160 560-2360 560-2500	200x70x1200	143	269 267 261 255 251	197 198 202 206 209	857 865 892 919 938	443 445 444 446 447
PZV 100-IG	8000/900	8,0/900	IV	1800 1860 2060 2260 2400	560-1900 560-1960 560-2160 560-2360 560-2500	200x80x1200	171	274 272 265 258 253	204 206 212 218 222	1071 1082 1118 1154 1179	528 529 530 531 532
PZV 110-IG	8000/1100	8,0/1100	IV	2060 2260 2400	560-2160 560-2360 560-2500	200x80x1200	171	263 256 251	213 219 223	1123 1159 1184	533 534 535

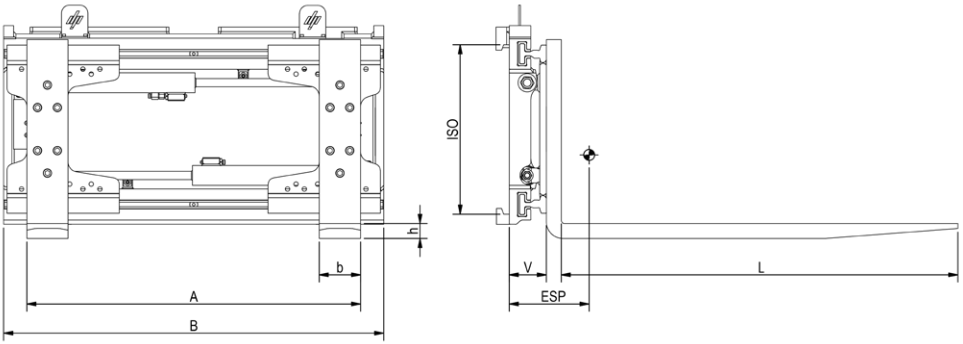
- 2 hydraulic functions required
- without hoses and couplings
- includes integral sideshift, depending on opening range
- bolt-on forks as standard
- for hook-on forks ISO 2328
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as forklift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- protection strip/load backrest see page 248
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed

Sideshifting fork positioner

PZV-GC

container version, integral sideshift, bolt-on forks

The sideshifting fork positioner PZV-GC uses T-profile guides for positioning of forks. Compact design offers reliability and excellent operator visibility. This container version is equipped with bolt-on forks. The enhanced sideshift eases loading in tight areas like containers and trailers.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm	forks b x h x L mm	max. sideshift (with fully closed forks) mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg	moving mass kg
PZV 25-GC	1,5-2,5/500	900 990	2500/500	II	1040 1150	510-870 560-1010	120x40x1200	+/- 180 mm +/- 225 mm	114	240 230	135 137	290 300	160 165
PZV 28-GC	2,5/600	900 990	2500/600	II	1040 1150	510-870 560-1010	125x45x1200	+/- 180 mm +/- 225 mm	119	245 235	133 131	320 330	200 205
PZV 30-GC	3,0/500	990 1090	3000/500	III	1150 1250	560-1010 565-1105	125x45x1200	+/- 225 mm +/- 270 mm	119	240 235	179 181	340 350	170 175
PZV 35-GC	3,0/600- 3,5/500	990 1090	3500/500	III	1150 1250	560-1010 565-1105	140x50x1200	+/- 225 mm +/- 270 mm	119	245 240	180 182	380 390	285 240
PZV 45-GC	3,5/600- 5,0/500	1100 1170	5000/500	III	1250 1400	565-1100 565-1180	150x60x1200	+/- 267 mm +/- 307 mm	129	270 265	168 170	475 490	300 310

- 2 hydraulic functions required
- includes hoses and couplings
- features bolt-on forks as standard
- clamping of goods is not allowed

DURWEN Forklift Attachments

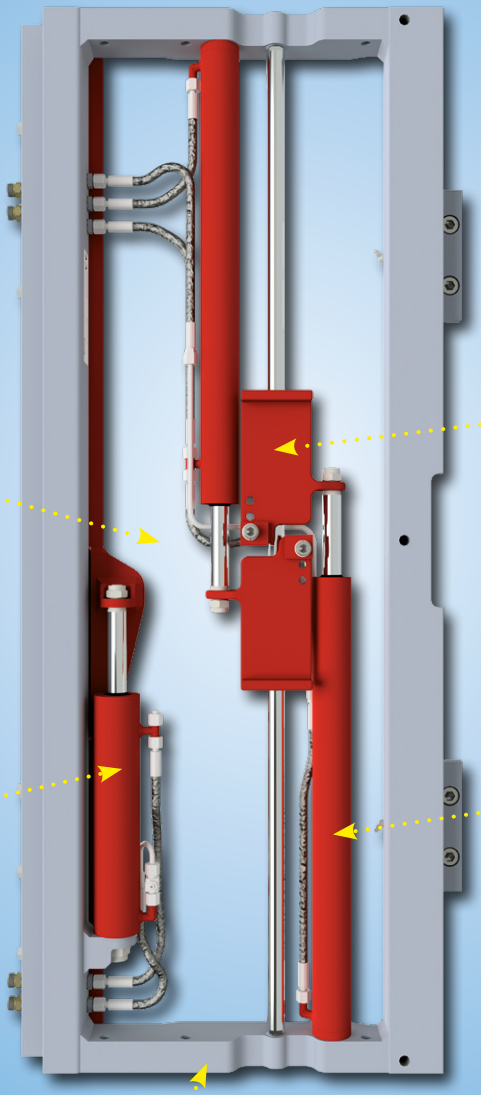
Notes

Sideshifting fork positioner type LZV-S

Durwen app

App Store

Google Play



good visibility

constant sideshift

low LLC

adjustable to different fork widths

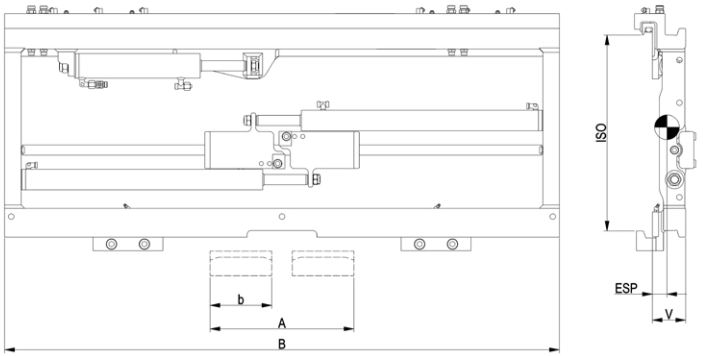
2-cylinder fork positioning

Sideshifting fork positioner

LZV-S

constant sideshift, no forks

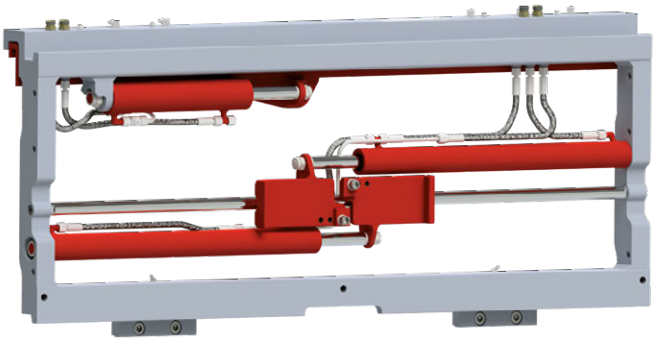
The LZV-S is a fork positioner designed for light-duty applications. It is equipped with constant sideshift as standard for easy load alignment. Fork positioning is powered by two hydraulic cylinders, and the unit accepts ISO 2328 hook-on forks.
The LZV-S is intended for low-intensity indoor use under clean and stable operating conditions. Proper operation and regular maintenance are required to achieve the expected service life. The unit is not designed for clamping tasks, nor for medium or heavy-duty applications, outdoor use, or harsh environments.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	b forks mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
LZV 20-S	1,0-2,0/500	820 880	2000/500	II	980 1040	290-940 290-1000	80-125	+/- 100	63	25	252 253	90 93
LZV 25-S	2,0/600-2,5/500	820 880 990	2500/500	II	980 1040 1150	290-940 290-1000 290-1110	80-125		63	25	252 253 255	91 94 99
LZV 35-S	3,0/600-3,5/500	880 990 1070	3500/500	III	1040 1150 1350	350-1000 350-1110 350-1310	100-150		80	36	307 309 310	135 142 155
LZV 45-S	3,5/600-5,0/500	880 990 1070	5000/500	III	1040 1150 1350	350-1000 350-1110 350-1310	100-150		80	36	307 309 310	135 142 155

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- available without sideshift

- for hook-on forks ISO 2328
- forks not included
- clamping of goods is not allowed
- max. fork length 1600 mm, for longer forks we recommend RZV-S



DURWEN Forklift Attachments

Fork positioner type RZV-IG

Durwen app

App Store

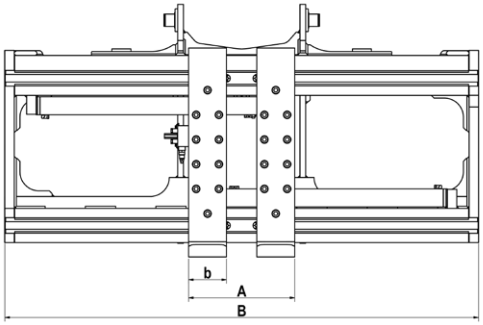
Google Play

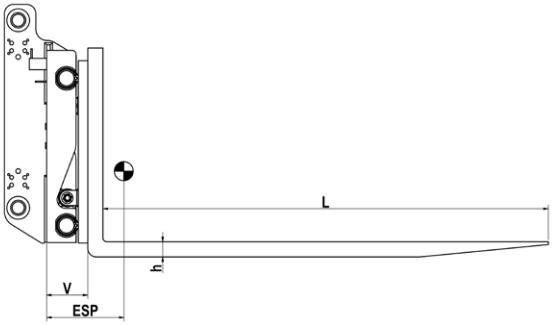
Fork positioners for heavy forklift trucks

RZV-IG

integrated, integral sideshift, bolt-on forks

The **fork positioner type RZV-IG** with bolt-on forks has stable round bar guides in which the two mounting plates with forks are moved. Sideshift by valve allows sideshift depending on the opening range (A). At the end positions, sideshift is not possible. Excellent visibility makes safe working possible. Euro pallets can be picked up lengthwise with units up to 200 mm fork width.



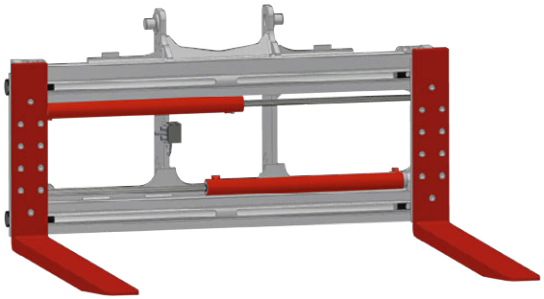


type	lift truck to LC mm	capacity kg LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP* vert. mm	weight kg	moving mass kg
RZV 95-IG	10,0/600	10000/600	integral	2400	560-2500	200x80x2400	217	401	455	2085	1015
RZV 105-IG	10,0/900	10000/900			560-2500	200x85x2400	217	503	448	2235	1060
RZV 120-IG	12,0/600	12000/600			560-2500	200x80x2400	217	433	455	2180	1015
RZV 130-IG	12,0/1200	12000/1200			560-2600	250x90x2400	285	525	424	2620	1335
RZV 140-IG	14,0/600	14000/600			560-2500	200x90x2400	265	450	444	2315	1110
RZV 150-IG	14,0/1200	14000/1200			560-2600	250x90x2400	285	525	424	2620	1335
RZV 160-IG	16,0/600	16000/600			560-2500	200x90x2400	265	480	444	2385	1110
RZV 180-IG	18,0/600	18000/600			560-2500	250x90x2400	285	525	424	2620	1335
RZV 190-IG	16,0/1200	16000/1200			560-2500	250x100x2400	285	555	415	2750	1455

- 2 hydraulic functions required
- ready to connect, access metric
- features bolt-on forks as standard
- includes sideshift via valve
- including brackets, chain anchor and stub shafts, without rollers

- weight does not include brackets
- COG from front face of brackets
- LLC (V) from front frace of brackets plus fork thickness
- clamping of goods is not allowed

*COG/ESP vertically from the ground



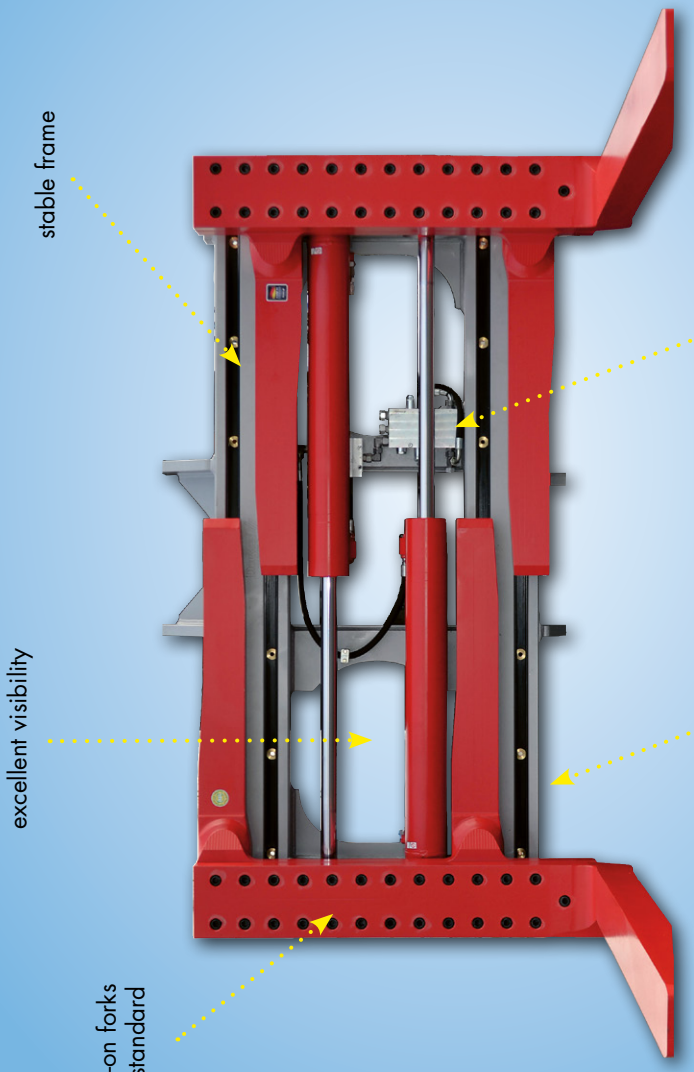
DURWEN Forklift Attachments

Fork positioners for heavy forklift trucks type ZVP-I

Durwen app

App Store

Google Play

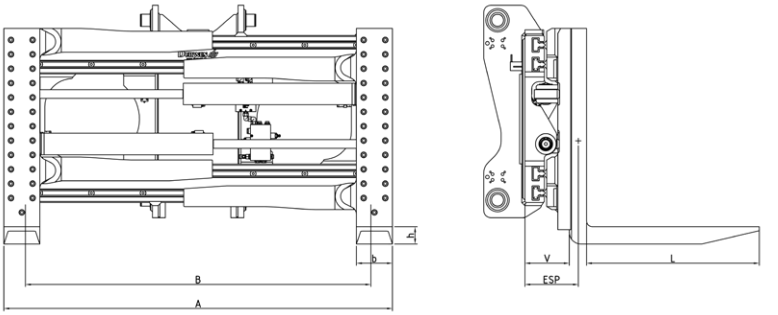


Fork positioners for heavy forklift trucks

ZVP-I

integrated, integral sideshift, bolt-on forks

The fork positioner type ZVP-I for heavy forklift trucks on clamp frame basis is designed to allow fork spread beyond the width of the frame. This unit is ideal for applications where various opening ranges are required, from Euro pallet to long good materials. The ZVP series features integral sideshift as standard, dependent on the opening range. When the forks are at the max. position, sideshift is not possible. Integral mounting allows highest residual capacity results and minimised overall length.

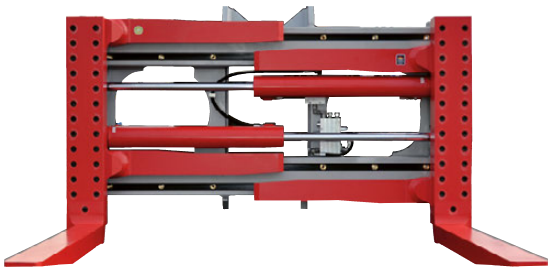


type	lift truck to LC mm	capacity kg LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP* vert. mm	weight kg	moving mass kg
ZVP 95-I	10,0/600	10000/600	integral	2400	560-2640	200x80x2400	308	300	745	2960	1180
ZVP 105-I	10,0/900	10000/900			560-2640	200x85x2400	308	313	760	3015	1260
ZVP 120-I	12,0/600	12000/600			560-2640	200x80x2400	308	308	750	3035	1200
ZVP 130-I	12,0/1200	12000/1200			560-2540	250x90x2400	318	314	748	3295	1530
ZVP 140-I	14,0/600	14000/600			560-2640	200x90x2400	313	310	746	3060	1300
ZVP 150-I	14,0/1200	14000/1200			560-2540	250x90x2400	318	322	744	3395	1550
ZVP 160-I	16,0/600	16000/600			560-2640	200x90x2400	313	313	740	3295	1320
ZVP 180-I	18,0/600	18000/600			560-2540	250x90x2400	318	325	735	3495	1570
ZVP 190-I	16,0/1200	16000/1200			560-2540	250x100x2400	328	330	730	3600	1710

- 2 hydraulic functions required
- ready to connect, access metric
- features bolt-on forks as standard
- includes sideshift via valve
- including brackets, chain anchor and stub shafts, without rollers

- weight does not include brackets
- COG from front face of brackets
- LLC (V) from front frace of brackets plus fork thickness
- clamping of goods is not allowed

*COG/ESP vertically from the ground



DURWEN Forklift Attachments

Durwen MultiSense technology at a glance

The smart fork

If the view is restricted by the load, you can only rely on your intuition. You no longer have to accept this. **SmartFork®** enables a better view on everything otherwise hidden, making your work a lot safer with an unobstructed view. Intuition meets precision – in a tool which makes working as efficient and safe as no other fork before.

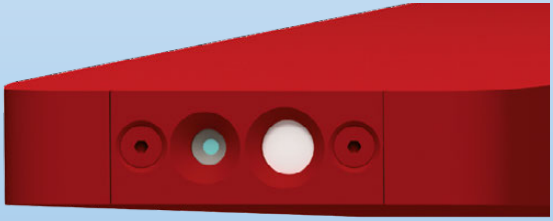
7 good reasons for SmartFork® in Industry 4.0:

- Improve view: also when picking up loads
- Increase safety: for staff and goods
- Reduce damage: through improved view and intelligent sensors
- Lower costs: because of less damage to goods and packaging
- Upgrade ergonomics: unobstructed view without inconvenient twisting of head and upper body
- Save time: via safely navigating during transport and through faster workflow
- Simplify loading: integrated sensors in fork facilitate work

NEW
also available in digital technology

Durwen SmartFork® technology overview

SmartFork® FrontCam SF-F



- expansion of visual field
- targeting load carriers
- safe loading
- detecting obstacles with picked-up load
- for counterbalance and reach trucks
- lighting for clear image

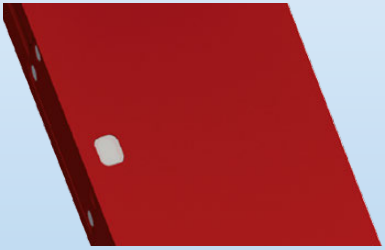
SmartFork® SideCam SF-S

- easier and safer entering of pallets
- improved loading
- both forks in visual field of camera
- unique: partly integrated camera installation and cable routing inside fork
- considerably more robust and durable solution compared to prior systems

SmartFork® Laser SF-L

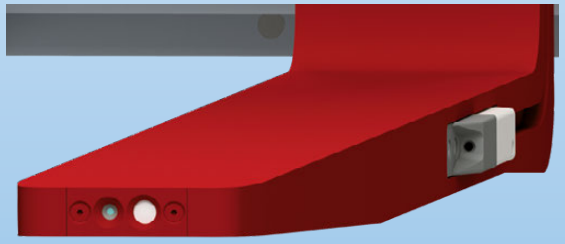
- safe loading
- precise targeting of load carriers
- simple load handling in high-rack storage
- less damage to goods
- easy installation: operation via existent power supply or battery

SmartFork® Secure SF-SE



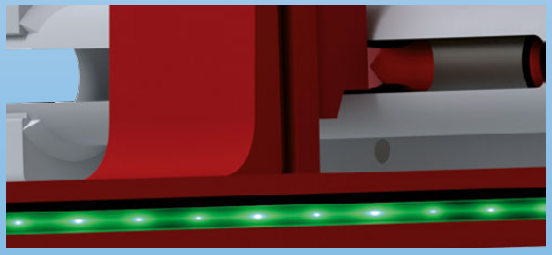
- safe loading
- easy detecting of pallet end
- no lifting of goods behind current load

SmartFork® PremiumCam SF-PC



- automatic switch between side and front camera when loading/unloading
- safe transport even in difficult situations
- detection of distances or targeting of pallets in great heights
- precise and easy entering of fork pocket
- less damage to transport goods
- best view ahead of goods/load

SmartFork® Flash



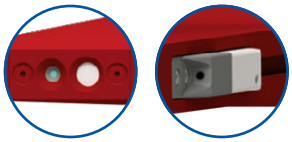
- visible from a distance even in dark and complex work areas through installed LED's
- reduction of accidents
- higher work safety
- applicable for entry depth determination
- freely programmable display of LED's

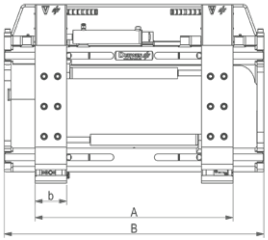
Fork positioner

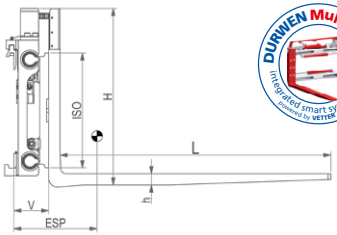
RZV-GS-SF-F
RZV-GS-SF-S

constant sideshift, bolt-on forks

The fork positioner RZV-GS has a stable round bar guide in which the carrier with bolt-on forks is positioned.
Constant sideshift enables sideshifting completely at every fork position. Use of standard forks according to ISO 2328 is also possible.







FrontCam

type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
RZV 16-GS-SF-F*	1,0-1,6/500	840	1600/500	II	980	470-1040	100x40x1200	+/- 100	142	228	144	246
RZV 20-GS-SF-F*	1,8-2,0/500	900	2000/500	II	1040	470-1100	100x45x1200		142	221	143	258
RZV 25-GS-SF-F*	2,0/600-2,5/500	1040	2500/500	II	1150	490-1230	120x40x1200		142	215	140	272
RZV 28-GS-SF-F*	2,5/600	1040	2500/600	II	1150	495-1235	125x45x1200		142	218	131	278
RZV 30-GS-SF-F*	3,0/500	1040	3000/500	III	1150	495-1235	125x45x1200		152	205	178	326
RZV 35-GS-SF-F	3,0/600-3,5/500	1040	3500/500	III	1150	490-1230	140x50x1200		152	222	167	368
RZV 40-GS-SF-F	3,5/600-4,0/500	1160	4000/500	III	1350	490-1430	140x50x1200		168	225	184	430
RZV 45-GS-SF-F	4,0-5/600	1160	5000/600	III	1350	500-1440	150x60x1200		168	225	169	480

SideCam

type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	oopening range A OTO mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
RZV 16-GS-SF-S*	1,0-1,6/500	840	1600/500	II	980	470-1040	100x40x1200	+/- 100	142	228	144	246
RZV 20-GS-SF-S*	1,8-2,0/500	900	2000/500	II	1040	470-1100	100x45x1200		142	221	143	258
RZV 25-GS-SF-S*	2,0/600-2,5/500	1040	2500/500	II	1150	490-1230	120x40x1200		142	215	140	272
RZV 28-GS-SF-S*	2,5/600	1040	2500/600	II	1150	495-1235	125x45x1200		142	218	131	278
RZV 30-GS-SF-S*	3,0/500	1040	3000/500	III	1150	495-1235	125x45x1200		152	205	178	326
RZV 35-GS-SF-S	3,0/600-3,5/500	1040	3500/500	III	1150	490-1230	140x50x1200		152	222	167	368
RZV 40-GS-SF-S	3,5/600-4,0/500	1160	4000/500	III	1350	490-1430	140x50x1200		168	225	184	430
RZV 45-GS-SF-S	4,0-5/600	1160	5000/600	III	1350	500-1440	150x60x1200		168	225	169	480

- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- constant sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- protection strip with integrated hose guide as standard
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed
- other widths upon request
- accessories see page 201

*for forks longer than 1600 mm the cross section might change, see page 146-147

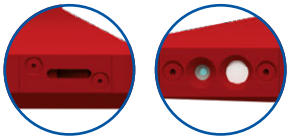
DURWEN Forklift Attachments

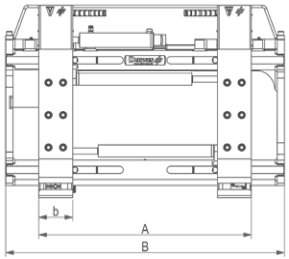
Fork positioner

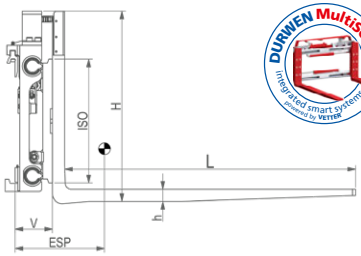
RZV-GS-SF-L
RZV-GS-SF-F-L

constant sideshift, bolt-on forks

The fork positioner RZV-GS has a stable round bar guide in which the carrier with bolt-on forks is positioned.
Constant sideshift enables sideshifting completely at every fork position. Use of standard forks according to ISO 2328 is also possible.







Laser

type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg
RZV 16-GS-SF-L*	1,0-1,6/500	840	1600/500	II	980	470-1040	100x40x1200	+/- 100	142	228	144	246
RZV 20-GS-SF-L*	1,8-2,0/500	900	2000/500	II	1040	470-1100	100x45x1200		142	221	143	258
RZV 25-GS-SF-L*	2,0/600-2,5/500	1040	2500/500	II	1150	490-1230	120x40x1200		142	215	140	272
RZV 28-GS-SF-L*	2,5/600	1040	2500/600	II	1150	495-1235	125x45x1200		142	218	131	278
RZV 30-GS-SF-L*	3,0/500	1040	3000/500	III	1150	495-1235	125x45x1200		152	205	178	326
RZV 35-GS-SF-L	3,0/600-3,5/500	1040	3500/500	III	1150	490-1230	140x50x1200		152	222	167	368
RZV 40-GS-SF-L	3,5/600-4,0/500	1160	4000/500	III	1350	490-1430	140x50x1200		168	225	184	430
RZV 45-GS-SF-L	4,0-5/600	1160	5000/600	III	1350	500-1440	150x60x1200		168	225	169	480

FrontCam + Laser

type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg
RZV 16-GS-SF-F-L*	1,0-1,6/500	840	1600/500	II	980	470-1040	100x40x1200	+/- 100	142	228	144	246
RZV 20-GS-SF-F-L*	1,8-2,0/500	900	2000/500	II	1040	470-1100	100x45x1200		142	221	143	258
RZV 25-GS-SF-F-L*	2,0/600-2,5/500	1040	2500/500	II	1150	490-1230	120x40x1200		142	215	140	272
RZV 28-GS-SF-F-L*	2,5/600	1040	2500/600	II	1150	495-1235	125x45x1200		142	218	131	278
RZV 30-GS-SF-F-L*	3,0/500	1040	3000/500	III	1150	495-1235	125x45x1200		152	205	178	326
RZV 35-GS-SF-F-L	3,0/600-3,5/500	1040	3500/500	III	1150	490-1230	140x50x1200		152	222	167	368
RZV 40-GS-SF-F-L	3,5/600-4,0/500	1160	4000/500	III	1350	490-1430	140x50x1200		168	225	184	430
RZV 45-GS-SF-F-L	4,0-5/600	1160	5000/600	III	1350	500-1440	150x60x1200		168	225	169	480

- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- constant sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- protection strip with integrated hose guide as standard
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed
- other widths upon request
- accessories see page 201

*for forks longer than 1600 mm the cross section might change, see page 146-147

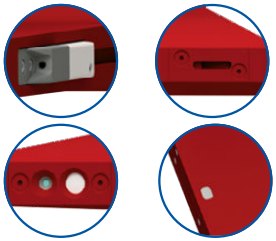
DURWEN Forklift Attachments

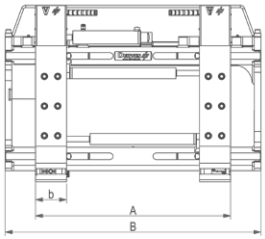
Fork positioner

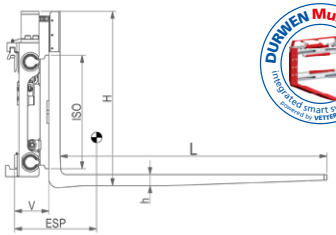
RZV-GS-SF-S-L
RZV-GS-SF-F-L-SE

constant sideshift, bolt-on forks

The fork positioner RZV-GS has a stable round bar guide in which the carrier with bolt-on forks is positioned.
Constant sideshift enables sideshifting completely at every fork position. Use of standard forks according to ISO 2328 is also possible.







SideCam + Laser

type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg
RZV 16-GS-SF-S-L*	1,0-1,6/500	840	1600/500	II	980	470-1040	100x40x1200		142	228	144	246
RZV 20-GS-SF-S-L*	1,8-2,0/500	900	2000/500	II	1040	470-1100	100x45x1200		142	221	143	258
RZV 25-GS-SF-S-L*	2,0/600-2,5/500	1040	2500/500	II	1150	490-1230	120x40x1200		142	215	140	272
RZV 28-GS-SF-S-L*	2,5/600	1040	2500/600	II	1150	495-1235	125x45x1200		142	218	131	278
RZV 30-GS-SF-S-L*	3,0/500	1040	3000/500	III	1150	495-1235	125x45x1200	+/- 100	152	205	178	326
RZV 35-GS-SF-S-L	3,0/600-3,5/500	1040	3500/500	III	1150	490-1230	140x50x1200		152	222	167	368
RZV 40-GS-SF-S-L	3,5/600-4,0/500	1160	4000/500	III	1350	490-1430	140x50x1200		168	225	184	430
RZV 45-GS-SF-S-L	4,0-5/600	1160	5000/600	III	1350	500-1440	150x60x1200		168	225	169	480

FrontCam + Laser + Secure

type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg
RZV 16-GS-SF-F-L-SE*	1,0-1,6/500	840	1600/500	II	980	470-1040	100x40x1200		142	228	144	246
RZV 20-GS-SF-F-L-SE*	1,8-2,0/500	900	2000/500	II	1040	470-1100	100x45x1200		142	221	143	258
RZV 25-GS-SF-F-L-SE*	2,0/600-2,5/500	1040	2500/500	II	1150	490-1230	120x40x1200		142	215	140	272
RZV 28-GS-SF-F-L-SE*	2,5/600	1040	2500/600	II	1150	495-1235	125x45x1200		142	218	131	278
RZV 30-GS-SF-F-L-SE*	3,0/500	1040	3000/500	III	1150	495-1235	125x45x1200	+/- 100	152	205	178	326
RZV 35-GS-SF-F-L-SE	3,0/600-3,5/500	1040	3500/500	III	1150	490-1230	140x50x1200		152	222	167	368
RZV 40-GS-SF-F-L-SE	3,5/600-4,0/500	1160	4000/500	III	1350	490-1430	140x50x1200		168	225	184	430
RZV 45-GS-SF-F-L-SE	4,0-5/600	1160	5000/600	III	1350	500-1440	150x60x1200		168	225	169	480

- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- constant sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- protection strip with integrated hose guide as standard
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed
- other widths upon request
- accessories see page 201

*for forks longer than 1600 mm the cross section might change, see page 146-147

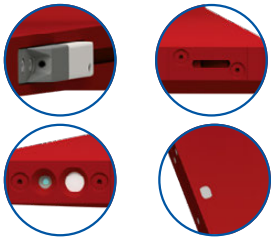
DURWEN Forklift Attachments

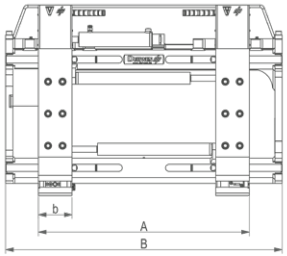
Fork positioner

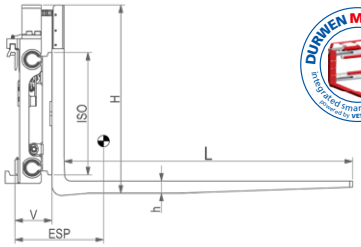
RZV-GS-SF-S-L-SE
RZV-GS-SF-PC

constant sideshift, bolt-on forks

The fork positioner RZV-GS has a stable round bar guide in which the carrier with bolt-on forks is positioned.
Constant sideshift enables sideshifting completely at every fork position. Use of standard forks according to ISO 2328 is also possible.







SideCam + Laser + Secure

type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ ESP hor. mm	COG/ESP vert. mm	weight kg
RZV 16-GS-SF-S-L-SE*	1,0-1,6/500	840	1600/500	II	980	470-1040	100x40x1200	+/- 100	142	228	144	246
RZV 20-GS-SF-S-L-SE*	1,8-2,0/500	900	2000/500	II	1040	470-1100	100x45x1200		142	221	143	258
RZV 25-GS-SF-S-L-SE*	2,0/600-2,5/500	1040	2500/500	II	1150	490-1230	120x40x1200		142	215	140	272
RZV 28-GS-SF-S-L-SE*	2,5/600	1040	2500/600	II	1150	495-1235	125x45x1200		142	218	131	278
RZV 30-GS-SF-S-L-SE*	3,0/500	1040	3000/500	III	1150	495-1235	125x45x1200		152	205	178	326
RZV 35-GS-SF-S-L-SE	3,0/600-3,5/500	1040	3500/500	III	1150	490-1230	140x50x1200		152	222	167	368
RZV 40-GS-SF-S-L-SE	3,5/600-4,0/500	1160	4000/500	III	1350	490-1430	140x50x1200		168	225	184	430
RZV 45-GS-SF-S-L-SE	4,0-5/600	1160	5000/600	III	1350	500-1440	150x60x1200		168	225	169	480

PremiumCam

type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ ESP vert. mm	weight kg
RZV 16-GS-SF-PC*	1,0-1,6/500	840	1600/500	II	980	470-1040	100x40x1200	+/- 100	142	228	144	246
RZV 20-GS-SF-PC*	1,8-2,0/500	900	2000/500	II	1040	470-1100	100x45x1200		142	221	143	258
RZV 25-GS-SF-PC*	2,0/600-2,5/500	1040	2500/500	II	1150	490-1230	120x40x1200		142	215	140	272
RZV 28-GS-SF-PC*	2,5/600	1040	2500/600	II	1150	495-1235	125x45x1200		142	218	131	278
RZV 30-GS-SF-PC*	3,0/500	1040	3000/500	III	1150	495-1235	125x45x1200		152	205	178	326
RZV 35-GS-SF-PC	3,0/600-3,5/500	1040	3500/500	III	1150	490-1230	140x50x1200		152	222	167	368
RZV 40-GS-SF-PC	3,5/600-4,0/500	1160	4000/500	III	1350	490-1430	140x50x1200		168	225	184	430
RZV 45-GS-SF-PC	4,0-5/600	1160	5000/600	III	1350	500-1440	150x60x1200		168	225	169	480

- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- constant sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- protection strip with integrated hose guide as standard
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed
- other widths upon request
- accessories see page 201

*for forks longer than 1600 mm the cross section might change, see page 146-147

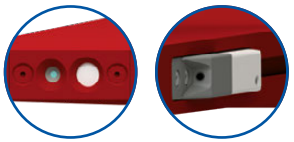
DURWEN Forklift Attachments

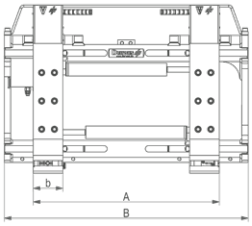
Fork positioner

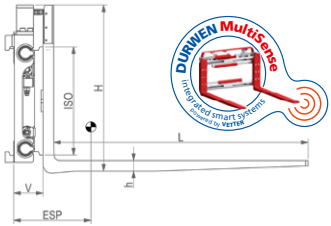
RZV-G-SF-F
RZV-G-SF-S

integral sideshift, bolt-on forks

The fork postitioner RZV-G has a stable round bar guide in which the carrier with bolt-on forks is positioned. Integral sideshift enables sideshifting dependent on opening range of the forks. Use of standard forks according to ISO 2328 is also possible.







FrontCam

type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg	moving mass kg
RZV 16-G-SF-F*	1,0-1,6/500	750	1600/500	II	980	470-1040	100x40x1200	126	228	124	220	145
RZV 20-G-SF-F*	1,8-2,0/500	810	2000/500	II	1040	470-1100	100x45x1200	126	221	126	232	155
RZV 25-G-SF-F*	2,0/600-2,5/500	860	2500/500	II	1150	490-1230	120x40x1200	126	215	122	252	165
RZV 28-G-SF-F*	2,5/600	860	2500/600	II	1150	495-1235	125x45x1200	126	225	116	275	185
RZV 30-G-SF-F*	3,0/500	860	3000/500	III	1150	495-1235	125x45x1200	138	205	164	305	205
RZV 35-G-SF-F	3,0/600-3,5/500	860	3500/500	III	1150	490-1230	140x50x1200	138	222	155	345	246
RZV 40-G-SF-F	3,5/600-4,0/500	840	4000/500	III	1350	490-1430	140x50x1200	153	225	166	400	250
RZV 45-G-SF-F	4,0-5/600	840	5000/600	III	1350	500-1440	150x60x1200	153	225	155	450	296

SideCam

type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg	moving mass kg
RZV 16-G-SF-S*	1,0-1,6/500	750	1600/500	II	980	470-1040	100x40x1200	126	228	124	220	145
RZV 20-G-SF-S*	1,8-2,0/500	810	2000/500	II	1040	470-1100	100x45x1200	126	221	126	232	155
RZV 25-G-SF-S*	2,0/600-2,5/500	860	2500/500	II	1150	490-1230	120x40x1200	126	215	122	252	165
RZV 28-G-SF-S*	2,5/600	860	2500/600	II	1150	495-1235	125x45x1200	126	225	116	275	185
RZV 30-G-SF-S*	3,0/500	860	3000/500	III	1150	495-1235	125x45x1200	138	205	164	305	205
RZV 35-G-SF-S	3,0/600-3,5/500	860	3500/500	III	1150	490-1230	140x50x1200	138	222	155	345	246
RZV 40-G-SF-S	3,5/600-4,0/500	840	4000/500	III	1350	490-1430	140x50x1200	153	225	166	400	250
RZV 45-G-SF-S	4,0-5/600	840	5000/600	III	1350	500-1440	150x60x1200	153	225	155	450	296

- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- constant sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- protection strip with integrated hose guide as standard
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed
- other widths upon request
- accessories see page 201

*for forks longer than 1600 mm the cross section might change, see page 149-150

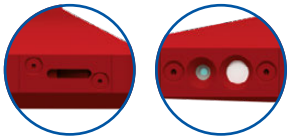
DURWEN Forklift Attachments

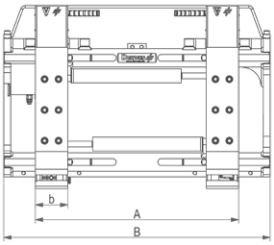
Fork positioner

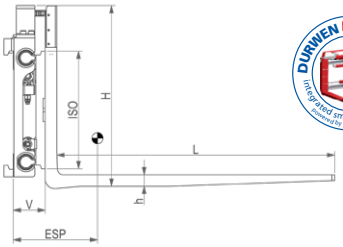
RZV-G-SF-L
RZV-G-SF-F-L

integral sideshift, bolt-on forks

The fork postitioner RZV-G has a stable round bar guide in which the carrier with bolt-on forks is positioned. Integral sideshift enables sideshifting dependent on opening range of the forks. Use of standard forks according to ISO 2328 is also possible.







Laser

type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg	moving mass kg
RZV 16-G-SF-L*	1,0-1,6/500	750	1600/500	II	980	470-1040	100x40x1200	126	228	124	220	145
RZV 20-G-SF-L*	1,8-2,0/500	810	2000/500	II	1040	470-1100	100x45x1200	126	221	126	232	155
RZV 25-G-SF-L*	2,0/600-2,5/500	860	2500/500	II	1150	490-1230	120x40x1200	126	215	122	252	165
RZV 28-G-SF-L*	2,5/600	860	2500/600	II	1150	495-1235	125x45x1200	126	225	116	275	185
RZV 30-G-SF-L*	3,0/500	860	3000/500	III	1150	495-1235	125x45x1200	138	205	164	305	205
RZV 35-G-SF-L	3,0/600-3,5/500	860	3500/500	III	1150	490-1230	140x50x1200	138	222	155	345	246
RZV 40-G-SF-L	3,5/600-4,0/500	840	4000/500	III	1350	490-1430	140x50x1200	153	225	166	400	250
RZV 45-G-SF-L	4,0-5/600	840	5000/600	III	1350	500-1440	150x60x1200	153	225	155	450	296

FrontCam + Laser

type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg	moving mass kg
RZV 16-G-SF-F-L*	1,0-1,6/500	750	1600/500	II	980	470-1040	100x40x1200	126	228	124	220	145
RZV 20-G-SF-F-L*	1,8-2,0/500	810	2000/500	II	1040	470-1100	100x45x1200	126	221	126	232	155
RZV 25-G-SF-F-L*	2,0/600-2,5/500	860	2500/500	II	1150	490-1230	120x40x1200	126	215	122	252	165
RZV 28-G-SF-F-L*	2,5/600	860	2500/600	II	1150	495-1235	125x45x1200	126	225	116	275	185
RZV 30-G-SF-F-L*	3,0/500	860	3000/500	III	1150	495-1235	125x45x1200	138	205	164	305	205
RZV 35-G-SF-F-L	3,0/600-3,5/500	860	3500/500	III	1150	490-1230	140x50x1200	138	222	155	345	246
RZV 40-G-SF-F-L	3,5/600-4,0/500	840	4000/500	III	1350	490-1430	140x50x1200	153	225	166	400	250
RZV 45-G-SF-F-L	4,0-5/600	840	5000/600	III	1350	500-1440	150x60x1200	153	225	155	450	296

- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- constant sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- protection strip with integrated hose guide as standard
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed
- other widths upon request
- accessories see page 201

*for forks longer than 1600 mm the cross section might change, see page 149-150

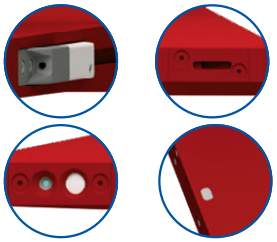
DURWEN Forklift Attachments

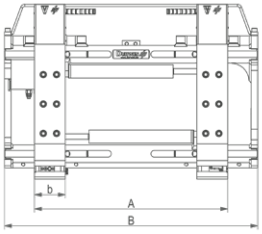
Fork positioner

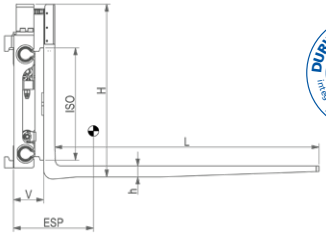
RZV-G-SF-S-L
RZV-G-SF-F-L-SE

integral sideshift, bolt-on forks

The fork postitioner RZV-G has a stable round bar guide in which the carrier with bolt-on forks is positioned. Integral sideshift enables sideshifting dependent on opening range of the forks. Use of standard forks according to ISO 2328 is also possible.







SideCam + Laser

type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg	moving mass kg
RZV 16-G-SF-S-L*	1,0-1,6/500	750	1600/500	II	980	470-1040	100x40x1200	126	228	124	220	145
RZV 20-G-SF-S-L*	1,8-2,0/500	810	2000/500	II	1040	470-1100	100x45x1200	126	221	126	232	155
RZV 25-G-SF-S-L*	2,0/600-2,5/500	860	2500/500	II	1150	490-1230	120x40x1200	126	215	122	252	165
RZV 28-G-SF-S-L*	2,5/600	860	2500/600	II	1150	495-1235	125x45x1200	126	225	116	275	185
RZV 30-G-SF-S-L*	3,0/500	860	3000/500	III	1150	495-1235	125x45x1200	138	205	164	305	205
RZV 35-G-SF-S-L	3,0/600-3,5/500	860	3500/500	III	1150	490-1230	140x50x1200	138	222	155	345	246
RZV 40-G-SF-S-L	3,5/600-4,0/500	840	4000/500	III	1350	490-1430	140x50x1200	153	225	166	400	250
RZV 45-G-SF-S-L	4,0-5/600	840	5000/600	III	1350	500-1440	150x60x1200	153	225	155	450	296

FrontCam + Laser + Secure

type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg	moving mass kg
RZV 16-G-SF-F-L-SE*	1,0-1,6/500	750	1600/500	II	980	470-1040	100x40x1200	126	228	124	220	145
RZV 20-G-SF-F-L-SE*	1,8-2,0/500	810	2000/500	II	1040	470-1100	100x45x1200	126	221	126	232	155
RZV 25-G-SF-F-L-SE*	2,0/600-2,5/500	860	2500/500	II	1150	490-1230	120x40x1200	126	215	122	252	165
RZV 28-G-SF-F-L-SE*	2,5/600	860	2500/600	II	1150	495-1235	125x45x1200	126	225	116	275	185
RZV 30-G-SF-F-L-SE*	3,0/500	860	3000/500	III	1150	495-1235	125x45x1200	138	205	164	305	205
RZV 35-G-SF-F-L-SE	3,0/600-3,5/500	860	3500/500	III	1150	490-1230	140x50x1200	138	222	155	345	246
RZV 40-G-SF-F-L-SE	3,5/600-4,0/500	840	4000/500	III	1350	490-1430	140x50x1200	153	225	166	400	250
RZV 45-G-SF-F-L-SE	4,0-5/600	840	5000/600	III	1350	500-1440	150x60x1200	153	225	155	450	296

- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- constant sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- protection strip with integrated hose guide as standard
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed
- other widths upon request
- accessories see page 201

*for forks longer than 1600 mm the cross section might change, see page 149-150

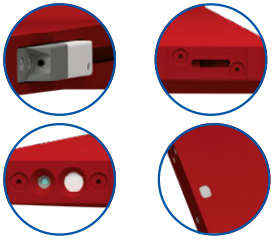
DURWEN Forklift Attachments

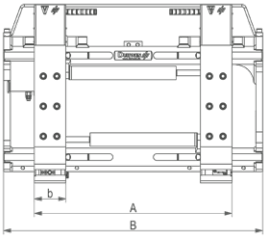
Fork positioner

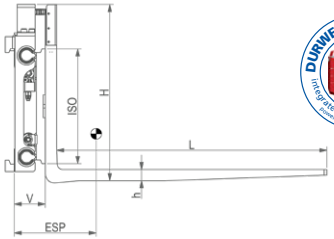
RZV-G-SF-S-L-SE
RZV-G-SF-PC

integral sideshift, bolt-on forks

The fork postitioner RZV-G has a stable round bar guide in which the carrier with bolt-on forks is positioned. Integral sideshift enables sideshifting dependent on opening range of the forks. Use of standard forks according to ISO 2328 is also possible.







SideCam + Laser + Secure

type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	oopening range A OTO mm	forks b x h x L mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg	moving mass kg
RZV 16-G-SF-S-L-SE*	1,0-1,6/500	750	1600/500	II	980	470-1040	100x40x1200	126	228	124	220	145
RZV 20-G-SF-S-L-SE*	1,8-2,0/500	810	2000/500	II	1040	470-1100	100x45x1200	126	221	126	232	155
RZV 25-G-SF-S-L-SE*	2,0/600-2,5/500	860	2500/500	II	1150	490-1230	120x40x1200	126	215	122	252	165
RZV 28-G-SF-S-L-SE*	2,5/600	860	2500/600	II	1150	495-1235	125x45x1200	126	225	116	275	185
RZV 30-G-SF-S-L-SE*	3,0/500	860	3000/500	III	1150	495-1235	125x45x1200	138	205	164	305	205
RZV 35-G-SF-S-L-SE	3,0/600-3,5/500	860	3500/500	III	1150	490-1230	140x50x1200	138	222	155	345	246
RZV 40-G-SF-S-L-SE	3,5/600-4,0/500	840	4000/500	III	1350	490-1430	140x50x1200	153	225	166	400	250
RZV 45-G-SF-S-L-SE	4,0-5/600	840	5000/600	III	1350	500-1440	150x60x1200	153	225	155	450	296

PremiumCam

type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	oopening range A OTO mm	forks b x h x L mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg	moving mass kg
RZV 16-G-SF-PC*	1,0-1,6/500	750	1600/500	II	980	470-1040	100x40x1200	126	228	124	220	145
RZV 20-G-SF-PC*	1,8-2,0/500	810	2000/500	II	1040	470-1100	100x45x1200	126	221	126	232	155
RZV 25-G-SF-PC*	2,0/600-2,5/500	860	2500/500	II	1150	490-1230	120x40x1200	126	215	122	252	165
RZV 28-G-SF-PC*	2,5/600	860	2500/600	II	1150	495-1235	125x45x1200	126	225	116	275	185
RZV 30-G-SF-PC*	3,0/500	860	3000/500	III	1150	495-1235	125x45x1200	138	205	164	305	205
RZV 35-G-SF-PC	3,0/600-3,5/500	860	3500/500	III	1150	490-1230	140x50x1200	138	222	155	345	246
RZV 40-G-SF-PC	3,5/600-4,0/500	840	4000/500	III	1350	490-1430	140x50x1200	153	225	166	400	250
RZV 45-G-SF-PC	4,0-5/600	840	5000/600	III	1350	500-1440	150x60x1200	153	225	155	450	296

- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- constant sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- protection strip with integrated hose guide as standard
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed
- other widths upon request
- accessories see page 201

*for forks longer than 1600 mm the cross section might change, see page 149-150

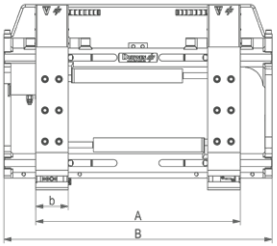
DURWEN Forklift Attachments

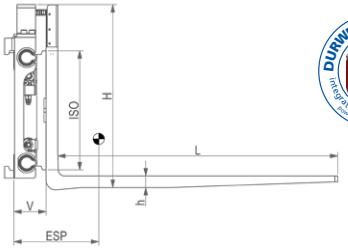
Fork positioner for reach trucks

RZV-G-SF-F
RZV-G-SF-S
RZV-G-SF-L

no sideshift, bolt-on forks

The fork positioner RZV-G-SF for reach trucks has a stable round bar guide in which the carrier with bolt-on forks is positioned. The frame width is designed in a way that it fits in between the support arms of the reach truck. Use of standard forks according to ISO 2328 is also possible.





FrontCam

type	lift truck to LC mm	min. carriage top/bottom mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg
RZV 16-G-SF-F*	1,0-1,6/500	700/500	1600/500	II	850	470-830	100x40x1200	126	263	126	218
RZV 20-G-SF-F*	1,8-2,0/500		2000/500			470-830	100x45x1200		277	123	230
RZV 25-G-SF-F*	2,0/600-2,5/500		2500/500			490-850	120x40x1200		284	117	238
RZV 28-G-SF-F*	2,5/600		2500/600			495-855	125x45x1200		304	110	258

SideCam

type	lift truck to LC mm	min. carriage top/bottom mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
RZV 16-G-SF-S*	1,0-1,6/500	700/500	1600/500	II	850	470-830	100x40x1200	126	263	126	218
RZV 20-G-SF-S*	1,8-2,0/500		2000/500			470-830	100x45x1200		277	123	230
RZV 25-G-SF-S*	2,0/600-2,5/500		2500/500			490-850	120x40x1200		284	117	238
RZV 28-G-SF-S*	2,5/600		2500/600			495-855	125x45x1200		304	110	258

Laser

type	lift truck to LC mm	min. carriage top/bottom mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
RZV 16-G-SF-L*	1,0-1,6/500	700/500	1600/500	II	850	470-830	100x40x1200	126	263	126	218
RZV 20-G-SF-L*	1,8-2,0/500		2000/500			470-830	100x45x1200		277	123	230
RZV 25-G-SF-L*	2,0/600-2,5/500		2500/500			490-850	120x40x1200		284	117	238
RZV 28-G-SF-L*	2,5/600		2500/600			495-855	125x45x1200		304	110	258

- 1 hydraulic function required (2 hydraulic functions integral sideshift)
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- features bolt-on forks as standard
- plug and play connection as standard
- 12/24 Volt system
- protection strip with integrated hose guide as standard
- clamping of goods not allowed
- spacer kit upon request, explanation see page 200
- integral sideshift upon request
- accessories see page 201

*for forks longer than 1600 mm the cross section might change, see page 153

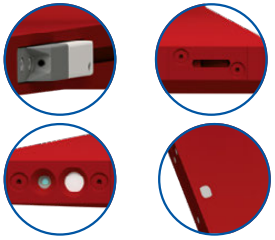
DURWEN Forklift Attachments

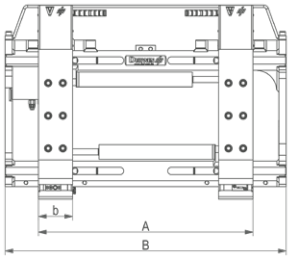
Fork positioner for reach trucks

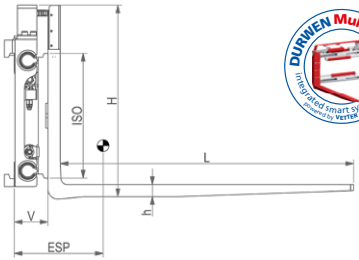
RZV-G-SF-F-L
RZV-G-SF-S-L
RZV-G-SF-F-L-SE

no sideshift, bolt-on forks

The fork positioner RZV-G-SF for reach trucks has a stable round bar guide in which the carrier with bolt-on forks is positioned. The frame width is designed in a way that it fits in between the support arms of the reach truck. Use of standard forks according to ISO 2328 is also possible.







FrontCam + Laser

type	lift truck to LC mm	min. carriage top/bottom mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg
RZV 16-G-SF-F-L*	1,0-1,6/500	700/500	1600/500	II	850	470-830	100x40x1200	126	263	126	218
RZV 20-G-SF-F-L*	1,8-2,0/500		2000/500			470-830	100x45x1200		277	123	230
RZV 25-G-SF-F-L*	2,0/600-2,5/500		2500/500			490-850	120x40x1200		284	117	238
RZV 28-G-SF-F-L*	2,5/600		2500/600			495-855	125x45x1200		304	110	258

SideCam + Laser

type	lift truck to LC mm	min. carriage top/bottom mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	V LLC mm	COG/ ESP hor. mm	COG/ ESP vert. mm	weight kg
RZV 16-G-SF-S-L*	1,0-1,6/500	700/500	1600/500	II	850	470-830	100x40x1200	126	263	126	218
RZV 20-G-SF-S-L*	1,8-2,0/500		2000/500			470-830	100x45x1200		277	123	230
RZV 25-G-SF-S-L*	2,0/600-2,5/500		2500/500			490-850	120x40x1200		284	117	238
RZV 28-G-SF-S-L*	2,5/600		2500/600			495-855	125x45x1200		304	110	258

FrontCam + Laser + Secure

type	lift truck to LC mm	min. carriage top/bottom mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
RZV 16-G-SF-F-L-SE*	1,0-1,6/500	700/500	1600/500	II	850	470-830	100x40x1200	126	263	126	218
RZV 20-G-SF-F-L-SE*	1,8-2,0/500		2000/500			470-830	100x45x1200		277	123	230
RZV 25-G-SF-F-L-SE*	2,0/600-2,5/500		2500/500			490-850	120x40x1200		284	117	238
RZV 28-G-SF-F-L-SE*	2,5/600		2500/600			495-855	125x45x1200		304	110	258

- 1 hydraulic function required (2 hydraulic functions integral sideshift)
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- features bolt-on forks as standard
- plug and play connection as standard
- 12/24 Volt system
- protection strip with integrated hose guide as standard
- clamping of goods not allowed
- spacer kit upon request, explanation see page 200
- integral sideshift upon request
- accessories see page 201

*for forks longer than 1600 mm the cross section might change, see page 153

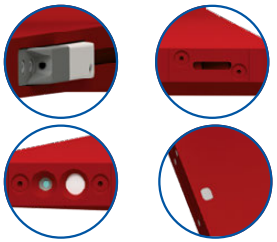
DURWEN Forklift Attachments

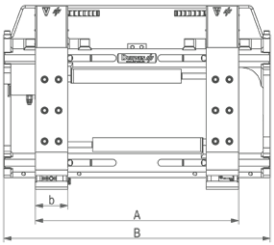
Fork positioner for reach trucks

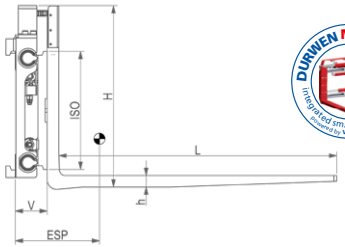
RZV-G-SF-S-L-SE
RZV-G-SF-PC

no sideshift, bolt-on forks

The fork positioner RZV-G-SF for reach trucks has a stable round bar guide in which the carrier with bolt-on forks is positioned. The frame width is designed in a way that it fits in between the support arms of the reach truck. Use of standard forks according to ISO 2328 is also possible.







SideCam + Laser + Secure

type	lift truck to LC mm	min. carriage top/bottom mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
RZV 16-G-SF-S-L-SE*	1,0-1,6/500	700/500	1600/500	II	850	470-830	100x40x1200	126	263	126	218
RZV 20-G-SF-S-L-SE*	1,8-2,0/500		2000/500		850	470-830	100x45x1200	126	277	123	230
RZV 25-G-SF-S-L-SE*	2,0/600-2,5/500		2500/500		850	490-850	120x40x1200	126	284	117	238
RZV 28-G-SF-S-L-SE*	2,5/600		2500/600		850	495-855	125x45x1200	126	304	110	258

PremiumCam

type	lift truck to LC mm	min. carriage top/bottom mm	capacity kg LC mm	ISO	B mm	opening range A OTO mm	forks b x h x L mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
RZV 16-G-SF-PC*	1,0-1,6/500	700/500	1600/500	II	850	470-830	100x40x1200	126	263	126	218
RZV 20-G-SF-PC*	1,8-2,0/500		2000/500		850	470-830	100x45x1200	126	277	123	230
RZV 25-G-SF-PC*	2,0/600-2,5/500		2500/500		850	490-850	120x40x1200	126	284	117	238
RZV 28-G-SF-PC*	2,5/600		2500/600		850	495-855	125x45x1200	126	304	110	258

- 1 hydraulic function required
  (2 hydraulic functions integral sideshift)
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- features bolt-on forks as standard
- plug and play connection as standard
- 12/24 Volt system
- protection strip with integrated hose guide as standard
- clamping of goods not allowed

- spacer kit upon request, explanation see text below
- integral sideshift upon request
- accessories see page 201

* for forks longer than 1600 mm the cross section might change, see page 153

Important note: The reach truck must be equipped with a collision prevention that prevents collision of fork positioner parts with the wheel legs or parts of the reach truck. This means usually that fork positioning and sideshift must be shut off with the attachment between the wheel legs. The reach truck carriage design must accommodate the mounting of an attachment.
A spacer kit is available from Durwen. It allows the extension of the attachment mounting up to 50 mm giving extra space for carriage parts or reach truck parts that may protrude into the attachment mounting or operation space.

SmartFork® Accessories

	item	description
	monitor	with RAM holder, incl. connection cable from monitor to transferpoint mast cable, spring reel or remote module
	Mast cable kit for lifting height up to 6 m	incl. three deflection rollers and strain relief kit for on-site installation on mast
	Mast cable kit for lifting height up to 10 m	incl. three deflection rollers and strain relief kit for on-site installation on mast
	Voltage converter	The SmartFork® systems require a voltage of 12-24 V. If it is not possible to access this voltage on the truck, a voltage converter is required. It reduces voltage from 48 V or 80 V. Other voltages upon request (please indicate voltage)
	Interference suppressor filter	prevents possible screen disruptions which can be caused by board voltage
	Spring reel for lifting height up to 10 m	for on-site installation on mast

Please note that prices do not include any installation service on the forklift truck.

Telescopic forks type TGZ

3D product video

2 mm extra thick wear resistant steel strips along full length of underside of forks as standard, with the option of additional 6 mm if required

exchangeable wear strip under fork tip as standard, with the option of additional 6mm if required

solid one piece fork tip for less damage

easy access to hydraulic connection

highly durable synthetic wear pads as standard

twin cylinders for powerful movement

standard: comfortable hoist point and handle

option: pallet stop

type A

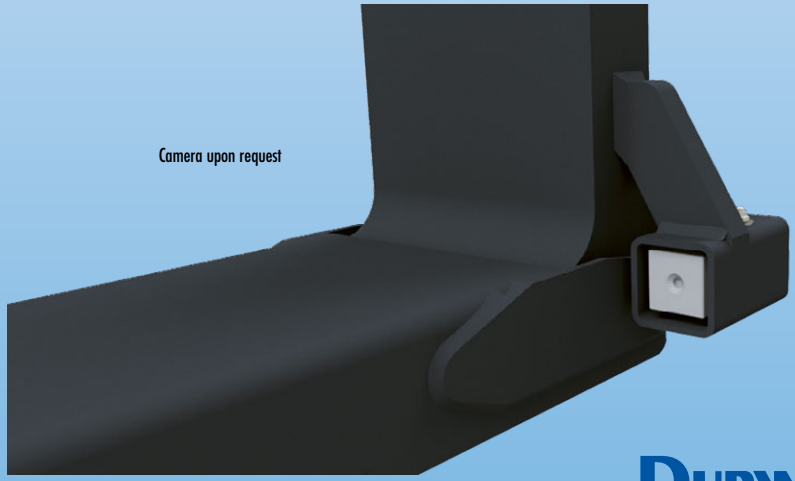
type B

type C

Single side loading with telescopic forks

The Durwen TGZ telescopic fork range is equipped with twin cylinders (two per fork arm) and are ideally suited for single side loading. This can reduce loading and unloading time by up to 30%. This utilises your forklift more efficiently and transport turnaround time is reduced.

Camera upon request

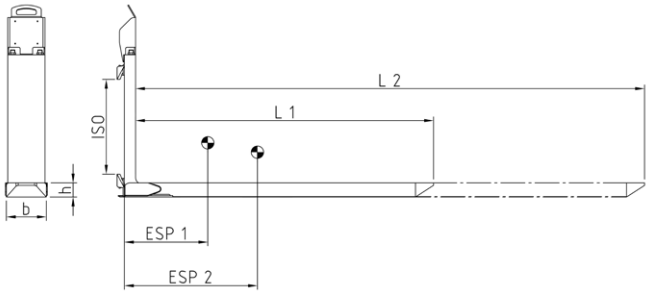


DURWEN Forklift Attachments

Hydraulic telescopic fork arms

TGZ ISO II/III

The hydraulic telescopic fork arms TGZ are the ideal solution for many transport and loading applications. Vehicles can be loaded and unloaded from one side. The telescopic forks feature 100% synchronised reach movement for ease of use. This feature further supports excellent visibility and simple installation. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	lift truck to LC mm	capacity kg LC 1 mm	capacity kg LC 2 mm	ISO	retracted extended L1/L2 mm	b x h mm	fork back B x V mm	COG/ESP hor. 1/2 mm	COG/ESP vert. mm	weight set kg
1-cylinder model										
TGZ.17.800* TGZ.17.1000* TGZ.17.1200*	1,0-1,6/500	1700/600	1020/1000 850/1200 720/1400	II	800/1200 1000/1600 1200/2000	130 x 40	120 x 40	230/295 310/410 400/530	77 64 49	100 112 126
TGZ.20.800 TGZ.20.1000 TGZ.20.1200 TGZ.20.1350	1,0-2,0/600	2000/600	1450/850 1060/1250 950/1450 810/1750	II	800/1250 1000/1650 1200/2050 1350/2350	131 x 57	120 x 45	270/355 345/495 432/620 500/750	64 51 39 32	128 150 168 184
2-cylinder model										
TGZ.25.1000 TGZ.25.1200 TGZ.25.1350	1,0-2,5/600	2500/600	1450/1150 1200/1450 1000/1750	II	1000/1650 1200/2050 1350/2350	161 x 57	150 x 45	340/500 423/645 495/760	54 44 36	188 207 217
TGZ.35.1200 TGZ.35.1350	3,0-3,5/500	3500/500	1630/1450 1390/1750	III	1200/2050 1350/2350	161 x 57	150 x 45	403/613 467/721	74 64	216 230
TGZ.40.1200 TGZ.40.1350	3,5/600- 4,0/500	4000/500	1850/1450 1550/1750	III	1200/2050 1350/2350	161 x 57	150 x 45	406/619 472/729	75 66	219 235
TGZ.48.1200 TGZ.48.1350	4,5-5,0/600	5000/600	2300/1450 1900/1750	III	1200/2050 1350/2350	161 x 62	150 x 50	405/605 465/705	76 67	240 254

- 1 hydraulic function required
- includes hoses and couplings
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO II/III upon request
- ISO type B mounting (ISO II/III) upon request
- pallet stop ISO II/III upon request (see page 202):
  A) 75 mm on the fork pocket sides
  B) 400 mm
  C) 850 mm
  type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- standard colour: dark grey
- low built height TGZ available upon request
- reinforced lower hooks for greater stability
  TGZ 17, 20 = 110 mm wide, TGZ 25-48 = 140 mm wide

*TGZ 17 features external flow divider valve. Installation from customer required.

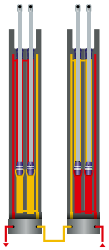
Please note: standard load backrest does not fit with TGZ installed.

1 cylinder model TGZ 17

- 1 cylinder per fork arm
- synchronised fork travel
- external flow divider
- minimal height
- easy pick front end

1 cylinder model TGZ 20

- 1 cylinder per fork arm
- 100% synchronised fork travel
- less weight and smaller width
- operates fully loaded



2 cylinder model TGZ 25 - 60

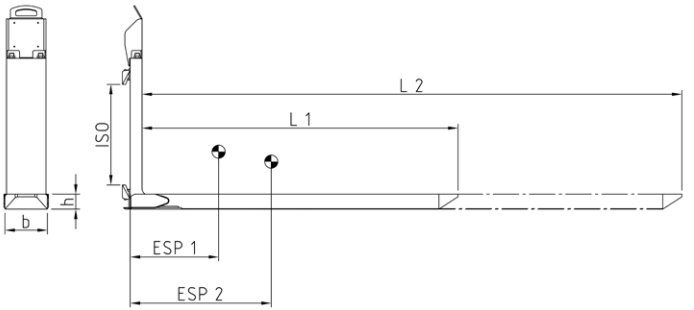
- 2 cylinders per fork arm
- 100% synchronised fork travel
- powerfull extension and retraction
- operates fully loaded

DURWEN Forklift Attachments

Hydraulic telescopic fork arms

TGZ ISO IV

The hydraulic telescopic fork arms TGZ are the ideal solution for many transport and loading applications. Vehicles can be loaded and unloaded from one side. The telescopic forks feature 100% synchronised reach movement for ease of use. This feature further supports excellent visibility and simple installation. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.

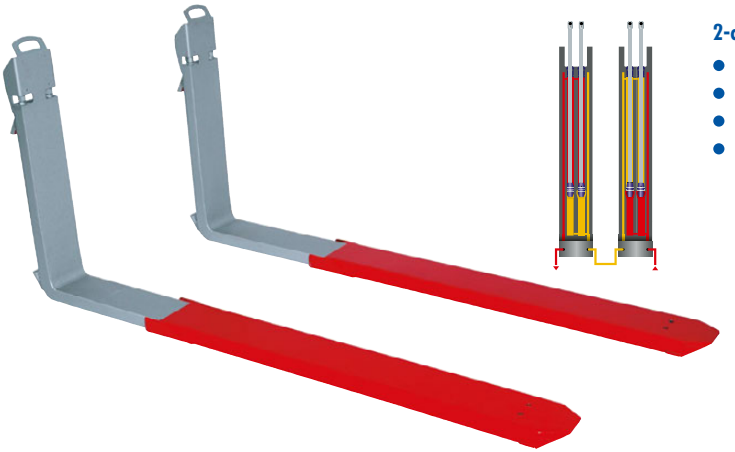


type	lift truck to LC mm	capacity kg LC 1 mm	capacity kg LC 2 mm	ISO	retracted extended L1/L2 mm	b x h mm	fork back B x V mm	COG/ESP hor. 1/2 mm	COG/ESP vert. mm	weight set kg
TGZ.50.1200 TGZ.50.1350	5,0/600	5000/600	2300/1450 1900/1750	IV	1200/2050 1350/2350	161 x 62	150 x 50	375/555 440/655	83 71	260 280
TGZ.60.1200 TGZ.60.1350	6,0/600	6000/600	3100/1450 2570/1750		1200/2050 1350/2350	215 x 69	200 x 50	390/605 450/720	75 63	375 405
TGZ.80.1200 TGZ.80.1350	8,0/600	8000/600	4100/1450 3400/1750		1200/2050 1350/2350	215 x 79	200 x 60	395/595 460/700	77 65	440 475
TGZ.100.1200* TGZ.100.1350*	10,0/600	10000/600	4600/1450 3800/1750		1200/2050 1350/2350	330 x 62	320 x 50	365/550 430/650	83 71	555 590

- 1 hydraulic function required
- includes hoses and couplings
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO IV upon request
- ISO type B mounting (ISO IV) upon request
- pallet stop ISO IV upon request (see page 202):
  A) 75 mm on the fork pocket sides
  B) 400 mm
  C) 850 mm
  type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- standard colour: dark grey
- low built height TGZ available upon request

*consider fork section when choosing pallets or loading scheme

Please note: standard load backrest does not fit with TGZ installed.



2-cylinder model TGZ 50, 60, 80

- 2 cylinders per fork arm
- 100% synchronised fork travel
- powerfull extension and retraction
- operates fully loaded

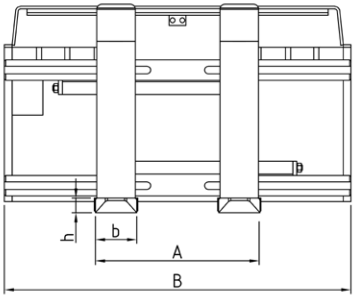
DURWEN Forklift Attachments

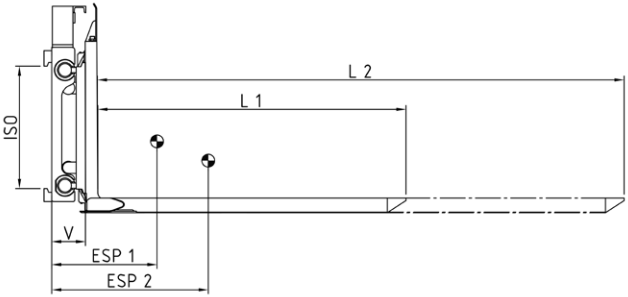
Telescopic forks

RZV-TGZ
ISO II/III

with fork positioner, no sideshift

The **RZV-TGZ** is a combination of fork positioner and telescopic forks that enables quick and cost effective loading and stacking especially when loading and unloading from one side of a vehicle. The unit copes with a variety of logistical needs including different pallet sizes and load dimensions. The telescopic forks feature 100% synchronised reach movement for ease of use. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.





type	lift truck to/ LC mm	min. carriage mm	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ESP vert. mm	weight kg
RZV-TGZ.20.1200*	1,0-	810	2000/500	950/1450	II A	1040	500-1130	1200/2050	131x57	120x45	126	320/425	154	326
RZV-TGZ.20.1350*	2,0/500	810		810/1750				1350/2350				365/500	144	340
RZV-TGZ.25.1200	2,0-	810	2500/600	1200/1450	II A	1040	530-1160	1200/2050	161x57	150x45	126	340/465	144	365
	2,5/600	860				1150	530-1270					330/455	146	372
RZV-TGZ.25.1350	2,0-	990	2500/600	1000/1750	II A	1040	530-1160	1350/2350	161x57	150x45	126	390/545	134	380
	2,5/600	860				1150	530-1270					380/535	137	388
RZV-TGZ.35.1200	3,0-	990	3500/500	1630/1450	III A	1040	510-1140	1200/2050	161x57	150x45	138	320/430	192	406
	3,5/500	860				1150	510-1250					320/425	194	415
RZV-TGZ.35.1350	3,0-	990	3500/500	1390/1750	III A	1040	510-1140	1350/2350	161x57	150x45	138	365/505	182	425
	3,5/500	860				1150	510-1250					360/500	184	430
RZV-TGZ.40.1200	3,5/600-	840	4000/500	1850/1450	III A	1150	510-1250	1200/2050	161x57	150x45	153	300/400	198	458
	4,0/500	840				1350	510-1450					290/390	192	476
RZV-TGZ.40.1350	3,5/600-	840	4000/500	1550/1750	III A	1150	510-1250	1350/2350	161x57	150x45	153	340/465	189	474
	4,0/500	840				1350	510-1450					335/455	184	492
RZV-TGZ.45.1200	4,0-	840	5000/600	2300/1450	III A	1350	510-1450	1200/2050	161x62	150x50	153	310/405	196	500
RZV-TGZ.45.1350	5,0/600	840		1900/1750				1350/2350				350/470	186	518

- 2 hydraulic functions required (3 hydraulic functions integral sideshift)
- includes hoses and couplings
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO II/III upon request
- hook-on TGZ ISO 2328 as standard
- bolt-on forks upon request (drilling pattern changes, please ask)
- integral sideshift upon request
- pallet stop ISO II/III upon request (see page 202):
  A) 75 mm on the fork pocket sides
  B) 400 mm
  C) 850 mm
  type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- ISO type B mounting (ISO II/III) upon request

* 1 cylinder model

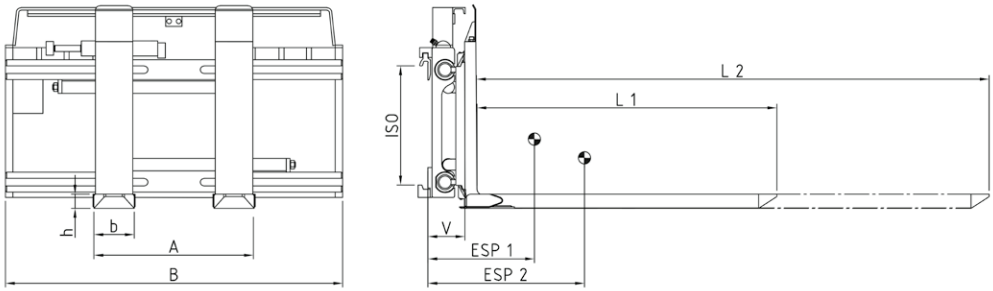
DURWEN Forklift Attachments

Telescopic forks

RZV-S-TGZ ISO II

with fork positioner and constant sideshift

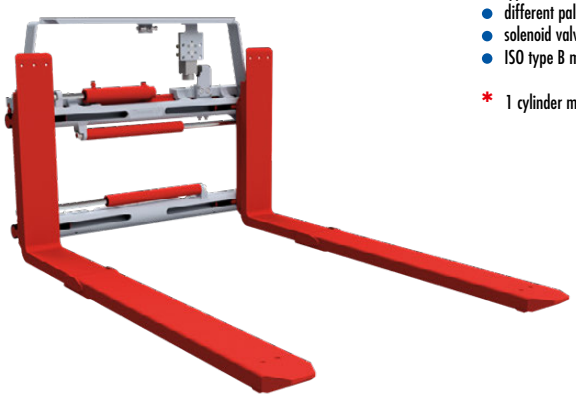
The **RZV-S-TGZ** is a combination of fork positioner and telescopic forks that enables quick and cost effective loading and stacking especially when loading and unloading from one side of a vehicle. The unit copes with a variety of logistical needs including different pallet sizes and load dimensions. The telescopic forks feature 100% synchronised reach movement for ease of use. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	lift truck to LC mm	min. carriage mm	capacity kg LC 1 mm	capacity kg LC 2 mm	ISO	B mm	opening range A OTO mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	sideshift mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ESP vert. mm	weight kg
RZV-S-TGZ.20.1200*	1,0-2,0/500	900	2000/500	950/1450	II	1040	500-1130	1200/2050	131x57	120x45	+/- 100	142	315/415	164	348
RZV-S-TGZ.20.1350*	1,0-2,0/500	900		810/1750				1350/2350					360/485	156	362
RZV-S-TGZ.22.1200	1,0-2,0/500	900	2000/500	950/1450		1040	530-1160	1200/2050	161x57	150x45			340/455	154	382
		1040				1150	530-1270						330/445	157	390
RZV-S-TGZ.22.1350	1,0-2,0/500	900	2000/500	810/1750		1040	530-1160	1350/2350	161x57	150x45			385/535	146	400
		1040				1150	530-1270						380/525	148	408
RZV-S-TGZ.25.1200	2,0-2,5/600	900	2500/600	1200/1450		1040	530-1160	1200/2050	161x57	150x45			335/455	154	384
		1040				1150	530-1270						330/445	158	392
RZV-S-TGZ.25.1350	2,0-2,5/600	900	2500/600	1000/1750		1040	530-1160	1350/2350	161x57	150x45			385/530	146	400
		1040				1150	530-1270						380/525	149	410

- 3 hydraulic functions required
- includes hoses and couplings
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO II upon request
- hook-on TGZ ISO 2328 as standard
- bolt-on forks ISO II upon request (drilling pattern changes, please ask)
- pallet stop ISO II upon request (see page 202):
  A) 75 mm on the fork pocket sides
  B) 400 mm
  C) 850 mm
  type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- ISO type B mounting (ISO II) upon request

* 1 cylinder model



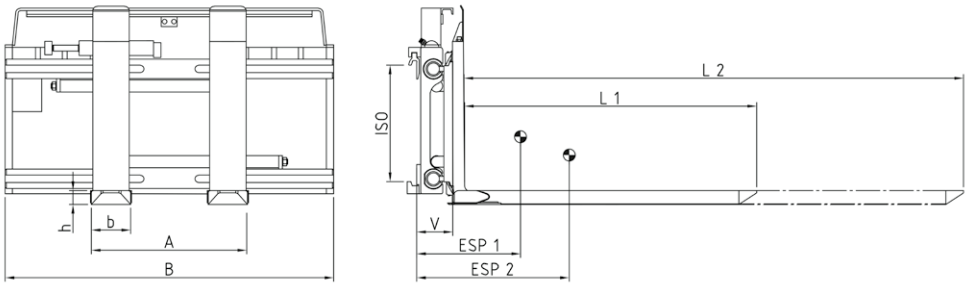
DURWEN Forklift Attachments

Telescopic forks

RZV-S-TGZ
ISO III

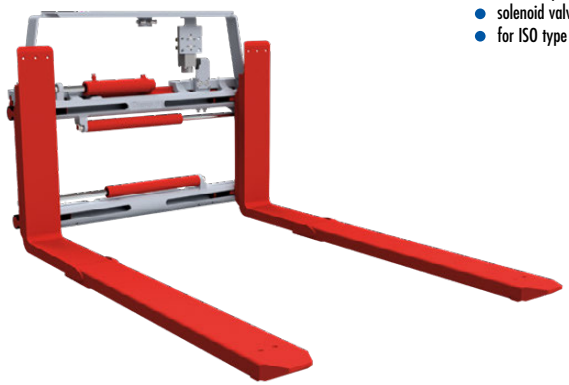
with fork positioner and constant sideshift

The **RZV-S-TGZ** is a combination of fork positioner and telescopic forks that enables quick and cost effective loading and stacking especially when loading and unloading from one side of a vehicle. The unit copes with a variety of logistical needs including different pallet sizes and load dimensions. The telescopic forks feature 100% synchronised reach movement for ease of use. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	lift truck to LC mm	min. carriage mm	capacity kg LC 1 mm	capacity kg LC 2 mm	ISO	B mm	opening range A OTO mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	sideshift mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ESP vert. mm	weight kg
RZV-S-TGZ.35.1200	3,0-3,5/500	700 1040	3500/500	1630/1450	III	1040 1150	510-1140 510-1250	1200/2050	161 x 57	150x45	+/- 100	152	325/430 320/425	200 203	420 430
RZV-S-TGZ.35.1350	3,0-3,5/500	700 1040	3500/500	1390/1750		1040 1150	510-1140 510-1250	1350/2350	161 x 57	150x45		152	370/505 360/495	190 193	438 445
RZV-S-TGZ.40.1200	3,5/600-4,0/500	1020 1160	4000/500	1850/1450		1150 1350	510-1250 510-1450	1200/2050	161 x 57	150x45		168	305/405 295/390	209 214	470 494
RZV-S-TGZ.40.1350	3,5/600-4,0/500	1020 1160	4000/500	1550/1750		1150 1350	510-1250 510-1450	1350/2350	161 x 57	150x45		168	350/470 335/450	200 205	488 510
RZV-S-TGZ.45.1200 RZV-S-TGZ.45.1350	4,0-5,0/600	1160 1160	5000/600	2300/1450 1900/1750		1350	510-1450	1200/2050 1350/2350	161 x 62	150x50		168	310/400 350/470	209 199	516 536

- 3 hydraulic functions required
- includes hoses and couplings
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO III upon request
- hook-on TGZ ISO 2328 as standard
- bolt-on forks ISO III uopon request (drilling pattern changes, please ask)
- pallet stop ISO III (see page 202):
  A) 75 mm on the fork pocket sides
  B) 400 mm
  C) 850 mm
  type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- for ISO type B mounting (ISO III) upon request



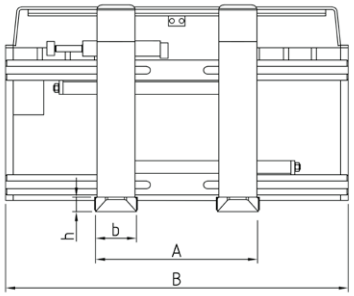
DURWEN Forklift Attachments

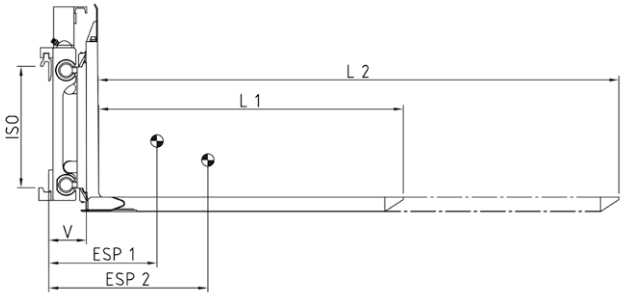
Telescopic forks

RZV-S-TGZ ISO IV

with fork positioner and constant sideshift

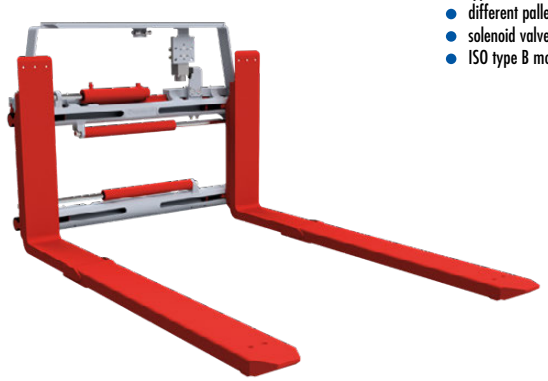
The **RZV-S-TGZ** is a combination of fork positioner and telescopic forks that enables quick and cost effective loading and stacking especially when loading and unloading from one side of a vehicle. The unit copes with a variety of logistical needs including different pallet sizes and load dimensions. The telescopic forks feature 100% synchronised reach movement for ease of use. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.





type	lift truck to LC mm	min. carriage mm	capacity kg LC 1 mm	capacity kg LC 2 mm	ISO	B mm	opening range A OTO mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	sideshift mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ESP vert. mm	weight kg
RZV-S-TGZ.50.1200 RZV-S-TGZ.50.1350	5,0/600	1120 1120	5000/600	2300/1450 1900/1750	IV	1350	510-1450	1200/2050 1350/2350	161 x 62	150x50	+/- 100	180	270/345 305/400	286 275	640 660
RZV-S-TGZ.60.1200	6,0/600	1050 1580	6000/600	3100/1450		1460 1860	575-1575 575-1975	1200/2050	215 x 69	200x50	+/- 100 +/- 160	190	280/365 275/355	263 284	935 965
RZV-S-TGZ.60.1350	6,0/600	1050 1580	6000/600	2570/1750		1460 1860	575-1575 575-1975	1350/2350	215 x 69	200x50	+/- 100 +/- 160	190	315/425 305/415	253 273	965 995
RZV-S-TGZ.80.1200	8,0/600	1580 1780	8000/600	4100/1450		1860 2160	575-1975 575-2275	1200/2050	215 x 79	200x60	+/- 160	190	280/360 265/340	273 281	1120 1190
RZV-S-TGZ.80.1350	8,0/600	1580 1780	8000/600	3400/1750		1860 2160	575-1975 575-2275	1350/2350	215 x 79	200x60	+/- 160	190	315/420 300/395	263 271	1150 1220

- 3 hydraulic functions required
- includes hoses and couplings
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO IV upon request
- hook-on TGZ ISO 2328 as standard
- bolt-on forks ISO IV upon request (drilling pattern changes, please ask)
- pallet stop ISO IV (see page 202):
  A) 75 mm on the fork pocket sides
  B) 400 mm
  C) 850 mm
  type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- ISO type B mounting (ISO IV) upon request



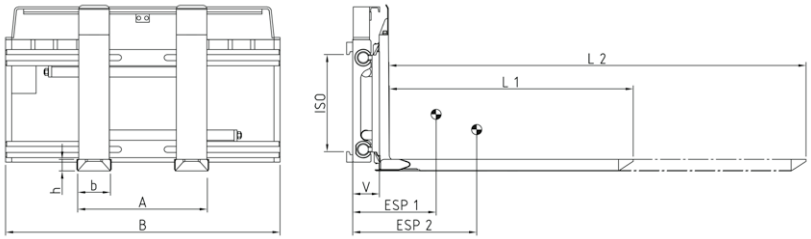
DURWEN Forklift Attachments

Reach truck fork positioner

telescopic forks, no sideshift

RZV-TGZ

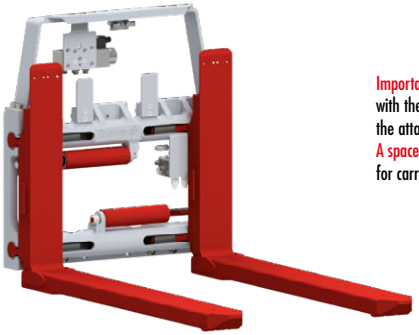
The **RZV-TGZ** is a combination of fork positioner and telescopic forks that enables quick and cost effective loading and stacking especially when loading and unloading from one side of a vehicle. The unit copes with a variety of logistical needs including different pallet sizes and load dimensions. The telescopic forks feature100% synchronised reach movement for ease of use. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard. This model range features a small frame that supports the configuration of reach trucks.



type	lift truck to LC mm	min. carriage top/bottom mm	capacity kg LC 1 mm	capacity kg LC 2 mm	ISO	B mm	opening range A OTO mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ESP vert. mm	weight kg
RZV-TGZ.20.1200*	1,0-2,0/500	600/400 650/400 700/500 730/500	2000/500	950/1450	II	750 800 850 880	500 - 760 500 - 810 500 - 860 500 - 890	1200/2050	131x57	120x45	126	345/460 340/455 335/445 330/440	145 146 147 148	300 305 310 315
RZV-TGZ.20.1350*	1,0-2,0/500	600/400 650/400 700/500 730/500	2000/500	810/1750		750 800 850 880	500 - 760 500 - 810 500 - 860 500 - 890	1350/2350	131x57	120x45		395/540 390/535 385/520 380/515	136 137 138 139	315 320 325 330
RZV-TGZ.25.1200	2,0-2,5/600	600/400 650/400 700/500 730/500	2500/600	1200/1450		750 800 850 880	530 - 790 530 - 840 530 - 890 530 - 920	1200/2050	161x57	150x45		365/500 360/495 350/485 350/485	135 136 137 139	335 340 345 350
RZV-TGZ.25.1350	2,0-2,5/600	600/400 650/400 700/500 730/500	2500/600	1000/1750		750 800 850 880	530 - 790 530 - 840 530 - 890 530 - 920	1350/2350	161x57	150x45		415/585 410/580 405/565 405/565	126 127 128 129	350 355 360 365

- 2 hydraulic functions required (3 hydraulic functions integral sideshift)
- includes hoses and couplings
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO II upon request
- hook-on TGZ ISO 2328 as standard
- bolt-on forks upon request (drilling pattern changes, please ask)
- integral sideshift upon request
- pallet stop ISO II upon request (see page 202):
  A) 75 mm on the fork pocket sides
  B) 400 mm
  C) 850 mm
  type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- ISO type B mounting (ISO II) upon request
- LLC spacer kit upon request (can increase LLC in steps up to 50 mm)

* 1 cylinder model



Important note: The reach truck must be equipped with a collision prevention that prevents collision of fork positioner parts with the wheel legs or parts of the reach truck. This means usually that fork positioning and sideshift must be shut off with the attachment between the wheel legs. The reach truck carriage design must accommodate the mounting of an attachment. A spacer kit is available from Durwen. It allows the extension of the attachment mounting up to 50 mm giving extra space for carriage parts or reach truck parts that may protrude into the attachment mounting or operation space.

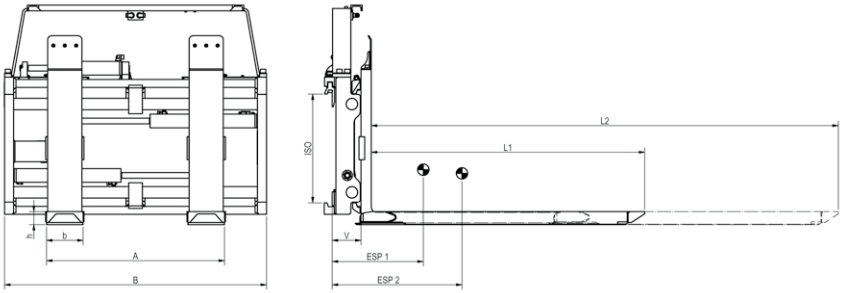
DURWEN Forklift Attachments

Fork positioner

ZVW-S-TGZ
ISO II

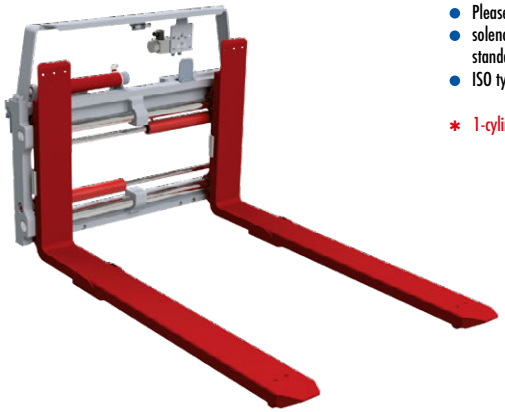
with hook-on telescopic forks, with constant sideshift

The fork positioner type ZVW-S-TGZ with shaft guidance features durability and excellent visibility. The shaft guidance is especially clean and allows for precise fork positioning due to high-quality hydraulics. Constant sideshift enables usage of the complete sideshift at every fork position. The unit is equipped with telescopic forks which facilitate loading and unloading of transport vehicles. The TGZ can be extended under load and feature 100% synchronised reach movement. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	lift truck to LC mm	min. carriage mm	capacity kg LC 1mm	capacity kg LC 2mm	ISO	B mm	opening range A OTO mm	retracted extended L1/L2 mm	fork bxh mm	fork back mm	sideshift mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ESP vert. mm	weight kg
ZVW-S-TGZ.20.1200*	1,0-	820	2000/500	950/1450	II	1040	330-950	1200/2050	131x57	120x45	+/- 100	124	285/375	176	374
ZVW-S-TGZ.20.1350*	2,0/500	820		810/1750				1350/2350					325/440	168	388
ZVW-S-TGZ.22.1200	1,0-	820	2000/500	950/1450		1040	360-980	1200/2050	161x57	150x45			305/420	166	410
	2,0/500	930				1150	360-1090						295/400	170	430
ZVW-S-TGZ.22.1350	1,0-	820	2000/500	810/1750		1040	360-980	1350/2350	161x57	150x45			350/490	157	426
	2,0/500	930				1150	360-1090						340/470	161	446
ZVW-S-TGZ.25.1200	2,0-	820	2500/600	1200/1450		1040	360-980	1200/2050	161x 7	150x45			305/415	159	410
	2,5/600	930				1150	360-1090						290/395	170	428
ZVW-S-TGZ.25.1350	2,0-	820	2500/600	1000/1750		1040	360-980	1350/2350	161x57	150x45			350/490	149	428
	2,5/600	930				1150	360-1090						340/475	162	440

- 3 hydraulic functions required
- includes hoses and couplings
- hook-on forks ISO 2328 as standard
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs



- thicker mangan steel wear zone (+6 mm) ISO II upon request
- bolt-on forks ISO II upon request
- pallet stop ISO II (see page 202):
  A) 75 mm on the fork pocket sides ISO II upon request
  B) 400 mm
  C) 850 mm
  Type B and C reduce the useable length by at least 50 mm.
- Please indicate required position upon order.
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
  standard is ISO A
- ISO type B mounting ISO II upon request

* 1-cylinder model

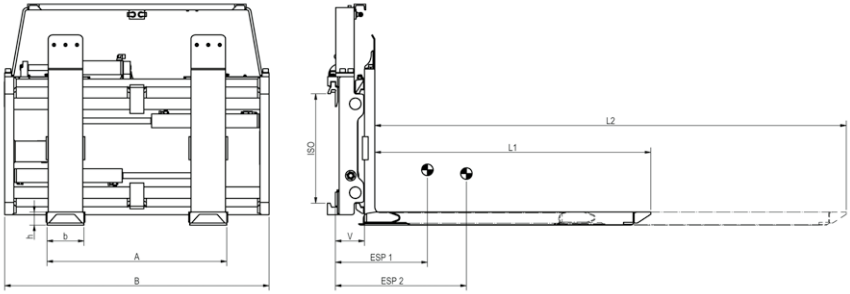
DURWEN Forklift Attachments

Fork positioner

ZVW-S-TGZ
ISO III

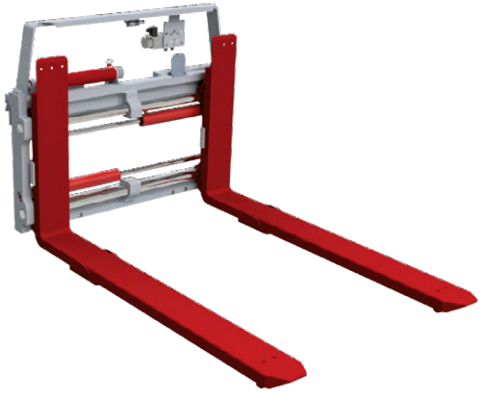
with hook-on telescopic forks, with constant sideshift

The fork positioner type ZVW-S-TGZ with shaft guidance features durability and excellent visibility. The shaft guidance is especially clean and allows for precise fork positioning due to high-quality hydraulics. Constant sideshift enables usage of the complete sideshift at every fork position. The unit is equipped with telescopic forks which facilitate loading and unloading of transport vehicles. The TGZ can be extended under load and feature 100% synchronised reach movement. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	lift truck to LC mm	min. carriage mm	capacity kg LC 1 mm	capacity kg LC 2 mm	ISO	B mm	opening range A OTO mm	retracted extended L1/L2 mm	fork bxh mm	fork back mm	sideshift mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ ESP vert. mm	weight kg
ZVW-S-TGZ.35.1200	3,0-3,5/500	820 930	3500/500	1630/1450	III	1040 1150	360-980 360-1090	1200/2050	161x57	150x45	+/- 100	127	290/390 280/380	212 216	450 460
ZVW-S-TGZ.35.1350	3,0-3,5/500	820 930	3500/500	1390/1750		1040 1150	360-980 360-1090	1350/2350	161x57	150x45		127	330/460 320/445	202 206	468 478
ZVW-S-TGZ.40.1200	3,5/600-4,0/500	1020 1130	4000/500	1850/1450		1150 1350	390-1070 390-1270	1200/2050	161x57	150x45		150	270/350 250/330	219 234	532 576
ZVW-S-TGZ.40.1350	3,5/600-4,0/500	1020 1130	4000/500	1550/1750		1150 1350	390-1070 390-1270	1350/2350	161x57	150x45		150	305/410 285/385	209 224	550 594
ZVW-S-TGZ.45.1200 ZVW-S-TGZ.45.1350	4,0-5,0/600	1130 1130	5000/600	2300/1450 1900/1750		1350	390-1270	1200/2050 1350/2350	161x62	150x50		150	265/345 300/400	224 219	598 620

- 3 hydraulic functions required
- includes hoses and couplings
- hook-on forks ISO 2328 as standard
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs



- thicker mangan steel wear zone (+6 mm) ISO III upon request
- bolt-on forks ISO III upon request
- pallet stop ISO III (see page 202):
  A) 75 mm on the fork pocket sides
  B) 400 mm
  C) 850 mm
  Type B and C reduce the useable length by at least 50 mm.
- Please indicate required position upon order.
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- standard is ISO A
- ISO type B mounting ISO III upon request

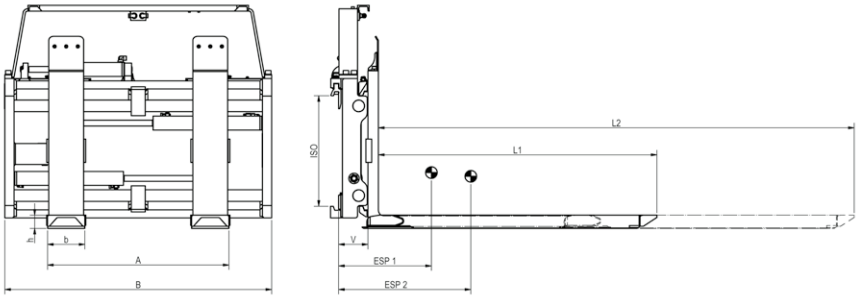
DURWEN Forklift Attachments

Fork positioner

ZVW-S-TGZ
ISO IV

with hook-on telescopic forks, with constant sideshift

The fork positioner type ZVW-S-TGZ with shaft guidance features durability and excellent visibility. The shaft guidance is especially clean and allows for precise fork positioning due to high-quality hydraulics. Constant sideshift enables usage of the complete sideshift at every fork position. The unit is equipped with telescopic forks which facilitate loading and unloading of transport vehicles. The TGZ can be extended under load and feature 100% synchronised reach movement. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	lift truck to LC mm	min. carriage mm	capacity kg LC 1 mm	capacity kg LC 2 mm	ISO	B mm	opening range A OTO mm	retracted extended L1/L2 mm	fork bxh mm	fork back mm	sideshift mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ ESP vert. mm	weight kg
ZVW-S-TGZ.50.1200 ZVW-S-TGZ.50.1350	5,0/600	1100 1100	5000/600	2300/1450 1900/1750	IV	1350	390-1270	1200/2050 1350/2350	161x62	150x50	+/- 100	156	235/300 265/350	293 283	724 744
ZVW-S-TGZ.60.1200	6,0/600	1150 1420	6000/600	3100/1450		1460 1860	445-1405 445-1805	1200/2050	215x69	200x50	+/- 100 +/- 160	166	265/355 245/325	278 293	950 1050
ZVW-S-TGZ.60.1350	6,0/600	1150 1420	6000/600	2570/1750		1460 1860	445-1405 445-1805	1350/2350	215x69	200x50	+/- 100 +/- 160	166	300/415 275/380	268 283	980 1080

- 3 hydraulic functions required
- includes hoses and couplings
- hook-on forks ISO 2328 as standard
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO IV upon request
- bolt-on forks add ISO IV upon requst
- pallet stop ISO IV upon request (see page 202):
  A) 75 mm on the fork pocket sides
  B) 400 mm
  C) 850 mmV
  Type B and C reduce the useable length by at least 50 mm.
- Please indicate required position upon order.
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- standard is ISO A
- ISO type B mounting ISO IV upon request

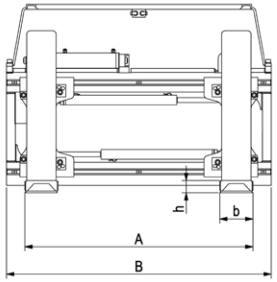
DURWEN Forklift Attachments

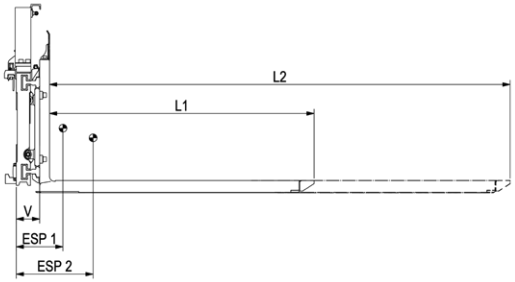
Fork positioner

PZV-S-TGZ ISO II

telescopic forks, constant sideshift

The sideshifting fork positioner PZV-S-TGZ uses T profile guides. Compact design offers reliability and excellent operator visibility. The constant sideshift operates at any fork position. The combined telescopic forks support faster and safer work due to ideal support of the transported goods. Single side loading is enabled as well. The forks are positioned hydraulically in your daily operation, however the pre-set position of the forks on the carrier can be changed due to the bolted fork stops. Under the table you find the minimum pre-set position available inside to inside fork shanks.





type	lift truck to/ LC mm	min. carriage mm	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	sideshift mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ ESP vert. mm	weight kg
PZV-S-TGZ.20.1200*	1,0/500-	900	2000/500	950/1450	II	1040	480-1110	1200/2050	131x57	120x45			300/402	152	345
PZV-S-TGZ.20.1350*	2,0/500	900		810/1750		1040		1350/2350					346/473	144	358
PZV-S-TGZ.22.1200	1,0/500-	900	2000/500	950/1450	II	1040	500-1130	1200/2050	161x57	150x45			309/410	148	377
	2,0/500	900				1150	500-1240	1350/2350					303/402	151	383
PZV-S-TGZ.22.1350	1,0/500-	900	2000/500	810/1750	II	1040	500-1130	1200/2050	161x57	150x45	+/- 100	122	355/481	140	398
	2,0/500	900				1150	500-1240	1350/2350					347/471	143	406
PZV-S-TGZ.25.1200	2,0/600-	900	2500/600	1200/1450	II	1040	500-1130	1200/2050	161x57	150x45			308/408	149	379
	2,5/600	900				1150	500-1240						302/400	152	385
PZV-S-TGZ.25.1350	2,0/600-	900	2500/600	1000/1750	II	1040	500-1130	1350/2350	161x57	150x45			354/479	141	400
	2,5/600	900				1150	500-1240						346/469	144	408

- 3 hydraulic functions required
- includes hoses and couplings
- hook-on TGZ ISO 2328 as standard
- bolt-on forks upon request (drilling pattern change, please ask)
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO II upon request
- pallet stop ISO II upon request (see page 202):
  A) 75 mm on the fork pocket sides
  B) 400 mm
  C) 850 mm
  type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- ISO type B mounting ISO II upon request
- PZV-S-TGZ 20-48 allow min. fork position 69 mm inside

* 1-cylinder model

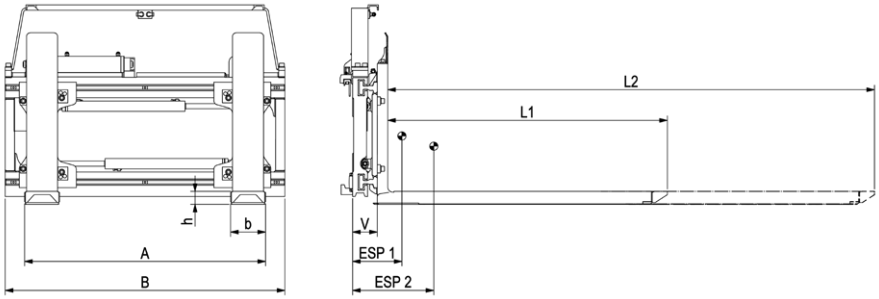
DURWEN Forklift Attachments

Fork positioner

PZV-S-TGZ
ISO III

telescopic forks, constant sideshift

The sideshifting fork positioner PZV-S-TGZ uses T profile guides. Compact design offers reliability and excellent operator visibility. The constant sideshift operates at any fork position. The combined telescopic forks support faster and safer work due to ideal support of the transported goods. Single side loading is enabled as well. The forks are positioned hydraulically in your daily operation, however the pre-set position of the forks on the carrier can be changed due to the bolted fork stops. Under the table you find the minimum pre-set position available inside to inside fork shanks.



type	lift truck to/ LC mm	min. carriage mm	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	sideshift mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ESP vert. mm	weight kg
PZV-S-TGZ.35.1200	3,0/500- 3,5/500	900 980	3500/500	1630/1450	III	1040 1150	500-1130 500-1240	1200/2050	161x57	150x45	+/- 100	129	313/424 304/413	184 191	412 419
PZV-S-TGZ.35.1350	3,0/500- 3,5/500	900 980	3500/500	1390/1750	III	1040 1150	500-1130 500-1240	1350/2350	161x57	150x45	+/- 100	129	357/498 349/485	177 181	424 436
PZV-S-TGZ.40.1200	3,5/600- 4,0/500	980 1100	4000/500	1850/1450	III	1150 1350	500-1240 500-1440	1200/2050	161x57	150x45	+/- 100	136	305/406 294/391	194 205	477 498
PZV-S-TGZ.40.1350	3,5/600- 4,0/500	980 1100	4000/500	1550/1750	III	1150 1350	500-1240 500-1440	1350/2350	161x57	150x45	+/- 100	136	349/474 337/457	185 196	496 517
PZV-S-TGZ.48.1200 PZV-S-TGZ.48.1350	4,5/500- 5,0/600	1150 1150	5000/600	2300/1450 1900/1750	III	1350	500-1440	1200/2050 1350/2350	161x62	150x50	+/- 100	136	293/389 336/455	206 197	500 519

- 3 hydraulic functions required
- includes hoses and couplings
- hook-on TGZ ISO 2328 as standard
- bolt-on forks ISO III upon request (drilling pattern change, please ask)
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO III upon request
- pallet stop ISO III uopon request (see page 202):
  A) 75 mm on the fork pocket sides
  B) 400 mm
  C) 850 mm
- type B and C reduce the useable length by 50 mm different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- ISO type B mounting ISO III upon request
- PZV-S-TGZ 35-48 allow min. fork position 69 mm inside

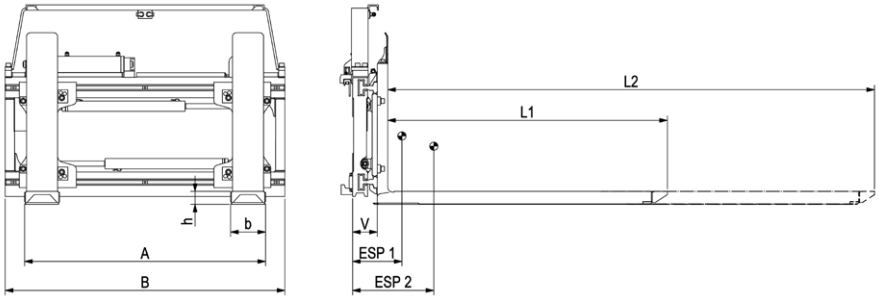
DURWEN Forklift Attachments

Fork positioner

PZV-S-TGZ ISO IV

telescopic forks, constant sideshift

The sideshifting fork positioner PZV-S-TGZ uses T profile guides. Compact design offers reliability and excellent operator visibility. The constant sideshift operates at any fork position. The combined telescopic forks support faster and safer work due to ideal support of the transported goods. Single side loading is enabled as well. The forks are positioned hydraulically in your daily operation, however the pre-set position of the forks on the carrier can be changed due to the bolted fork stops. Under the table you find the minimum pre-set position available inside to inside fork shanks.



type	lift truck to/ LC mm	min. carriage mm	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	sideshift mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ESP vert. mm	weight kg
PZV-S-TGZ.50.1200 PZV-S-TGZ.50.1350	5,0/600	1150 1150	5000/600	2300/1450 1900/1750	IV	1350 1350	500-1440	1200/2050 1350/2350	161x62	150x50	+/- 100	158	279/362 317/421	239 228	575 593
PZV-S-TGZ.60.1200	6,0/600	1200 1600	6000/600	3100/1450	IV	1460 1860	575-1575 575-1975	1200/2050	215x69	200x50	+/- 100 +/- 160	166	286/387 265/357	239 254	839 919
PZV-S-TGZ.60.1350	6,0/600	1200 1600	6000/600	2570/1750	IV	1460 1860	575-1575 575-1975	1350/2350	215x69	200x50	+/- 100 +/- 160	166	325/453 301/418	230 245	868 948

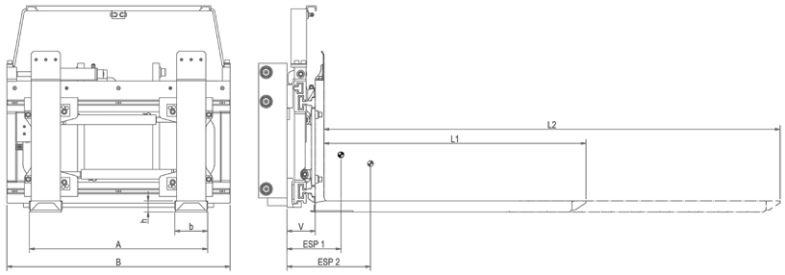
- 3 hydraulic functions required
- includes hoses and couplings
- hook-on TGZ ISO 2328 as standard
- bolt-on forks ISO IV upon request (drilling pattern change, please ask)
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO IV upon request
- pallet stop ISO IV upon request (see page 202):
  A) 75 mm on the fork pocket sides
  B) 400 mmV
  C) 850 mm
  type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- ISO type B mounting ISO IV upon request
- PZV-S-TGZ 50 allow min. fork position 69 mm inside
- PZV-S-TGZ 60 allow min. fork position 145 mm inside

Fork positioner

PZV-SI-TGZ
ISO II/III

integrated, telescopic forks, constant sideshift

The sideshifting fork positioner PZV-SI-TGZ uses T profile guides. Compact design offers reliability and excellent operator visibility. The constant sideshift operates at any fork position. The combined telescopic forks support faster and safer work due to ideal support of the transported goods. Single side loading is enabled as well. The forks are positioned hydraulically in your daily operation, however the pre-set position of the forks on the carrier can be changed due to the bolted fork stops. Under the table you find the minimum pre-set position available inside to inside fork shanks.



type	lift truck to/ LC mm	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	sideshift mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ESP vert. mm	weight kg
PZV-SI-TGZ.20.1200* PZV-SI-TGZ.20.1350*	1,0/500- 2,0/500	2000/500	950/1450 810/1750	II	1040	480-1110	1200/2050 1350/2350	131x57	120x45	+/- 100	133	304/357 317/428	252 244	403 416
PZV-SI-TGZ.25.1200	2,0/600- 2,5/600	2500/600	1200/1450	II	1040 1150	500-1130 500-1240	1200/2050	161x57	150x45	+/- 100	133	325/434 319/426	241 243	450 456
PZV-SI-TGZ.25.1350	2,0/600- 2,5/600	2500/600	1000/1750	II	1040 1150	500-1130 500-1240	1350/2350	161x57	150x45	+/- 100	133	371/505 363/495	232 235	471 479
PZV-SI-TGZ.35.1200	3,0/500- 3,5/500	3500/500	1630/1450	III	1040 1150	500-1130 500-1240	1200/2050	161x57	150x45	+/- 100	146	287/351 278/340	283 290	492 499
PZV-SI-TGZ.35.1350	3,0/500- 3,5/500	3500/500	1390/1750	III	1040 1150	500-1130 500-1240	1350/2350	161x57	150x45	+/- 100	146	331/425 323/412	276 280	504 516
PZV-SI-TGZ.40.1200	3,5/600- 4,0/500	4000/500	1850/1450	III	1150 1350	500-1240 500-1440	1200/2050	161x57	150x45	+/- 100	162	280/363 269/348	300 311	587 608
PZV-SI-TGZ.40.1350	3,5/600- 4,0/500	4000/500	1550/1750	III	1150 1350	500-1240 500-1440	1350/2350	161x57	150x45	+/- 100	162	324/431 312/414	291 302	606 627
PZV-SI-TGZ.48.1200 PZV-SI-TGZ.48.1350	4,5/500- 5,0/600	5000/600	2300/1450 1900/1750	III	1350	500-1440	1200/2050 1350/2350	161x62	150x50	+/- 100	162	268/346 311/412	312 303	610 629

- 3 hydraulic functions required
- without hoses and couplings
- hook-on TGZ ISO 2328 as standard
- bolt-on forks ISO II, III upon request (drilling pattern change, please ask)
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO II/III upon request

- pallet stop ISO II/III upon request (see page 202):
  A) 75 mm on the fork pocket side
  B) 400 mm
  C) 850 mm
  type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- ISO type B mounting ISO II/III upon request
- PZV-SI-TGZ 20-48 allow min. fork position 69 mm inside
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as forklift model and mast model details
- weight, COG and LLC do not include brackets

* 1-cylinder model

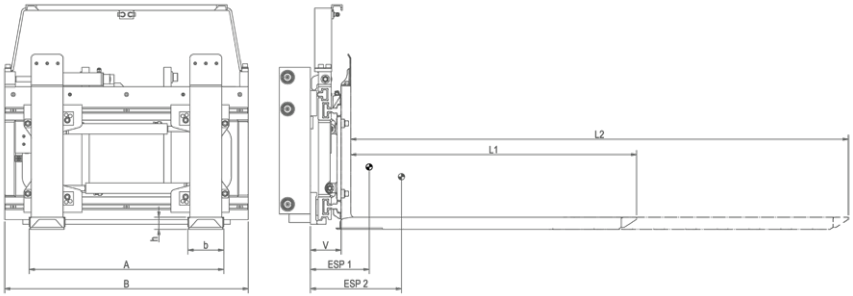
DURWEN Forklift Attachments

Fork positioner

PZV-SI-TGZ
ISO IV

integrated, telescopic forks, constant sideshift

The sideshifting fork positioner PZV-SI-TGZ uses T profile guides. Compact design offers reliability and excellent operator visibility. The constant sideshift operates at any fork position. The combined telescopic forks support faster and safer work due to ideal support of the transported goods. Single side loading is enabled as well. The forks are positioned hydraulically in your daily operation, however the pre-set position of the forks on the carrier can be changed due to the bolted fork stops. Under the table you find the minimum pre-set position available inside to inside fork shanks.



type	lift truck to/ LC mm	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	sideshift mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ESP vert. mm	weight kg
PZV-SI-TGZ.50.1200 PZV-SI-TGZ.50.1350	5,0/600	5000/600	2300/1450 1900/1750	IV	1350	500-1440	1200/2050 1350/2350	161x62	150x50	+/- 100	177	263/353 301/391	387 376	675 694
PZV-SI-TGZ.60.1200	6,0/600	6000/600	3100/1450	IV	1460 1860	575-1575 575-1975	1200/2050	215x69	200x50	+/- 100 +/- 160	190	271/354 250/324	399 414	897 979
PZV-SI-TGZ.60.1350	6,0/600	6000/600	2570/1750	IV	1460 1860	575-1575 575-1975	1350/2350	215x69	200x50	+/- 100 +/- 160	190	310/420 286/385	390 405	928 1008

- 3 hydraulic functions required
- without hoses and couplings
- hook-on TGZ ISO 2328 as standard
- bolt-on forks ISO IV upon request (drilling pattern change, please ask)
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs

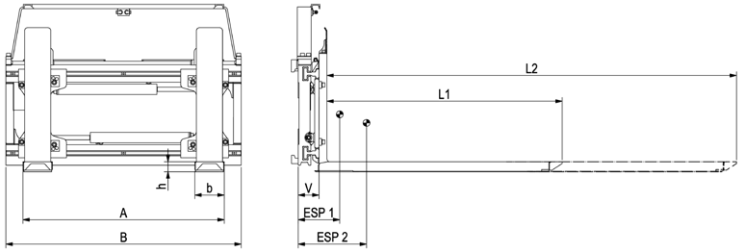
- thicker mangan steel wear zone (+6 mm) ISO IV upon request
- pallet stop ISO IV upon request (see page 202):
  A) 75 mm on the fork pocket sides
  B) 400 mm
  C) 850 mm
- type B and C reduce the useable length by 50 mm
  different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- ISO type B mounting upon request
- PZV-SI-TGZ 50 allow min. fork position 69 mm inside,
- PZV-SI-TGZ 60 allow min. fork position 145 mm inside
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as forklift model and mast model details
- weight, COG and LLC do not include brackets

Fork positioner

PZV-TGZ
ISO II/III

telescopic forks, no sideshift

The sideshifting fork positioner PZV-TGZ uses T profile guides. Compact design offers reliability and excellent operator visibility. The combined telescopic forks support faster and safer work due to ideal support of the transported goods. Single side loading is enabled as well. The forks are positioned hydraulically in your daily operation, however the pre-set position of the forks on the carrier can be changed due to the bolted fork stops. Under the table you find the minimum pre-set position available inside to inside fork shanks.



type	lift truck to/ LC mm	min. carriage mm	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ESP vert. mm	weight kg
PZV-TGZ.20.1200 PZV-TGZ.20.1350	1,0/500- 2,0/500	900 900	2000/500	950/1450 810/1750	II	1040	480-1110	1200/2050 1350/2350	131x57	120x45	105	302/411 315/446	205 197	310 323
PZV-TGZ.25.1200	2,0/600- 2,5/600	900 900	2500/600	1200/1450	II	1040 1150	500-1130 500-1240	1200/2050	161x57	150x45	105	323/452 317/444	194 196	357 363
PZV-TGZ.25.1350	2,0/600- 2,5/600	900 900	2500/600	1000/1750	II	1040 1150	500-1130 500-1240	1350/2350	161x57	150x45	105	369/523 361/513	185 188	378 386
PZV-TGZ.35.1200	3,0/500- 3,5/500	900 980	3500/500	1630/1450	III	1040 1150	500-1130 500-1240	1200/2050	161x57	150x45	113	285/369 276/358	236 243	399 406
PZV-TGZ.35.1350	3,0/500- 3,5/500	900 980	3500/500	1390/1750	III	1040 1150	500-1130 500-1240	1350/2350	161x57	150x45	113	329/443 321/430	229 233	411 423
PZV-TGZ.40.1200	3,5/600- 4,0/500	980 1100	4000/500	1850/1450	III	1150 1350	500-1240 500-1440	1200/2050	161x57	150x45	120	278/381 267/366	253 264	494 515
PZV-TGZ.40.1350	3,5/600- 4,0/500	980 1100	4000/500	1550/1750	III	1150 1350	500-1240 500-1440	1350/2350	161x57	150x45	120	322/449 310/432	244 255	513 534
PZV-TGZ.48.1200 PZV-TGZ.48.1350	4,5/500- 5,0/600	1150 1150	5000/600	2300/1450 1900/1750	III	1350	500-1440	1200/2050 1350/2350	161x62	150x50	120	326/458 339/469	265 256	527 546

- 2 hydraulic functions required
  (3 hydraulic functions integral sideshift)
- includes hoses and couplings
- hook-on TGZ ISO 2328 as standard
- bolt-on forks ISO II, III upon request
  (drilling pattern change, please ask)
- protection strip with integrated hose guide as standard

- integral sideshift upon request
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO II/III upon request
- pallet stop ISO II/III upon request (see page 202):
  A) 75 mm on the fork pocket sides
  B) 400 mm
  C) 850 mm
  type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- for ISO type B mounting ISO II/III upon request
- PZV-TGZ 20-48 allow min. fork position 69 mm inside

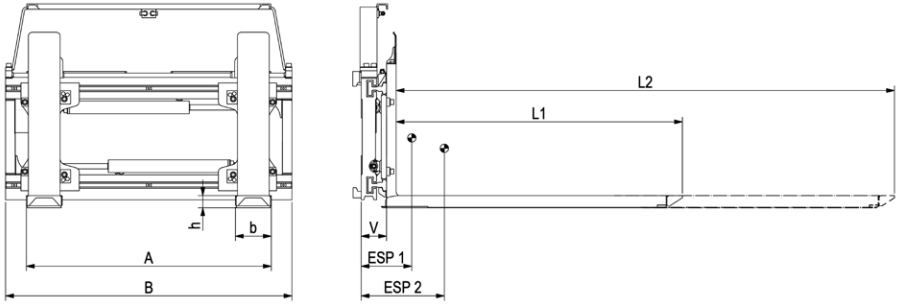
DURWEN Forklift Attachments

Fork positioner

PZV-TGZ ISO IV

telescopic forks, no sideshift

The sideshifting fork positioner PZV-TGZ uses T profile guides. Compact design offers reliability and excellent operator visibility. The combined telescopic forks support faster and safer work due to ideal support of the transported goods. Single side loading is enabled as well. The forks are positioned hydraulically in your daily operation, however the pre-set position of the forks on the carrier can be changed due to the bolted fork stops. Under the table you find the minimum pre-set position available inside to inside fork shanks.



type	lift truck to/ LC mm	min. carriage mm	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ESP vert. mm	weight kg
PZV-TGZ.50.1200 PZV-TGZ.50.1350	5,0/600	1150 1150	5000/600	2300/1450 1900/1750	IV	1350	500-1440	1200/2050 1350/2350	161x62	150x50	135	275/362 315/423	340 329	582 601
PZV-TGZ.60.1200	6,0/600	1200 1600	6000/600	3100/1450	IV	1460 1860	575-1575 575-1975	1200/2050	215/69	200x50	143	281/391 265/359	352 345	855 910
PZV-TGZ.60.1350	6,0/600	1200 1600	6000/600	2570/1750	IV	1460 1860	575-1575 575-1975	1350/2350	215/69	200x50	143	319/448 301/423	343 335	885 940

- 2 hydraulic functions required
  (3 hydraulic functions integral sideshift)
- includes hoses and couplings
- hook-on TGZ ISO 2328 as standard
- bolt-on forks ISO IVupon request
  (drilling pattern change, please ask)
- protection strip with integrated hose guide as standard
- integral sideshift upon request
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO IV upon request
- pallet stop ISO IV (see page 202):
  A) 75 mm on the fork pocket sides ISO IV upon request
  B) 400 mm
  C) 850 mm
  type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- ISO type B mounting ISO IV upon request
- PZV-TGZ 50 allow min. fork position 69 mm inside,
- PZV-TGZ 60 allow min. fork position 145 mm inside

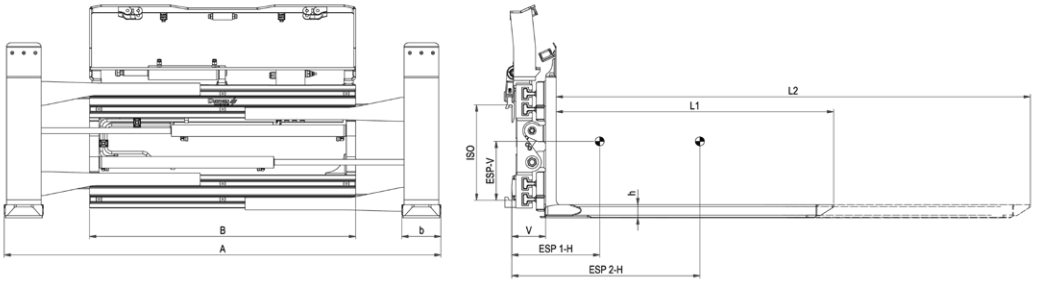
DURWEN Forklift Attachments

Fork positioner

ZVP-S-TGZ
ISO II

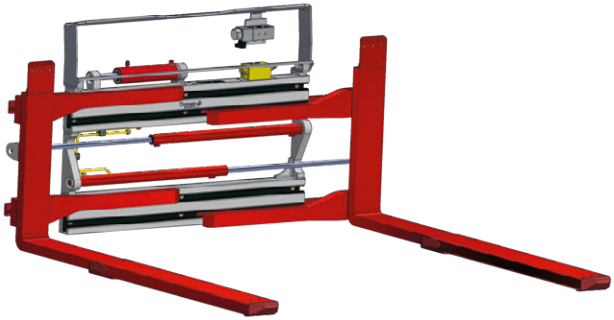
telescopic forks, constant sideshift

The **ZVP-S-TGZ** is a combination of fork positioner and telescopic forks that enables quick and cost effective loading and stacking especially when loading and unloading from one side of a vehicle. The unit copes with a variety of logistical needs including different pallet sizes and load dimensions. The telescopic forks feature 100% synchronised reach movement for ease of use. As this fork positioner spreads the forks beyond the frame width, it is ideal for handling wide goods and pallets. Clamping not allowed.
Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	lift truck to LC mm	min. carriage mm	capacity kg LC 1 mm	capacity kg LC 2 mm	ISO	B mm	opening range A OTO mm	retracted extended L1/L2 mm	fork bxh mm	fork back mm	sideshift mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ ESP vert. mm	weight kg
ZVP-S-TGZ.22.1200	1,5-2,0/500	800 900	2000/500	950/1450	II	1050 1150	560-1780 560-1880	1200/2050	161x57	150x45	+/- 100	121	290/385 285/380	200 198	470 485
ZVP-S-TGZ.22.1350	1,5-2,0/500	800 900	2000/500	810/1750		1050 1150	560-1780 560-1880	1350/2350	161x57	150x45		121	340/450 335/445	194 192	487 500
ZVP-S-TGZ.25.1200	2,5/600	800 900	2500/600	1200/1450		1050 1150	560-1780 560-1880	1200/2050	161x 7	150x45		148	285/380 280/375	190 185	485 503
ZVP-S-TGZ.25.1350	2,5/600	800 900	2500/600	1000/1750		1050 1150	560-1780 560-1880	1350/2350	161x57	150x45		148	335/445 330/440	158 156	502 520

- 3 hydraulic functions required
- includes hoses and couplings
- bolt-on TGZ as standard
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO II upon request
- pallet stop ISO II upon request (see page 202):
  A) 75 mm on the fork pocket sides
  B) 400 mm
  C) 850 mm
  type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- ISO type B mounting ISO II



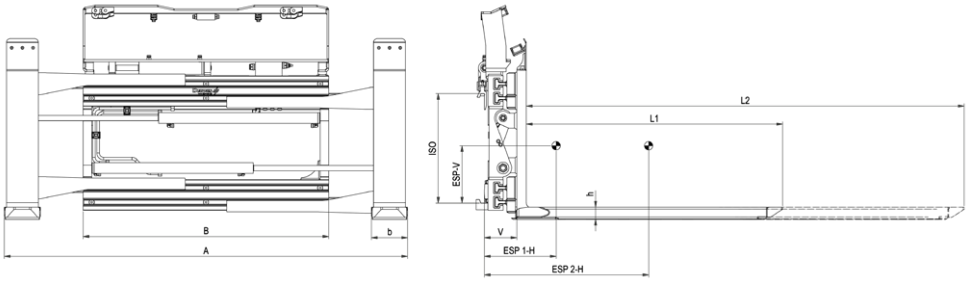
DURWEN Forklift Attachments

Fork positioner

ZVP-S-TGZ
ISO III

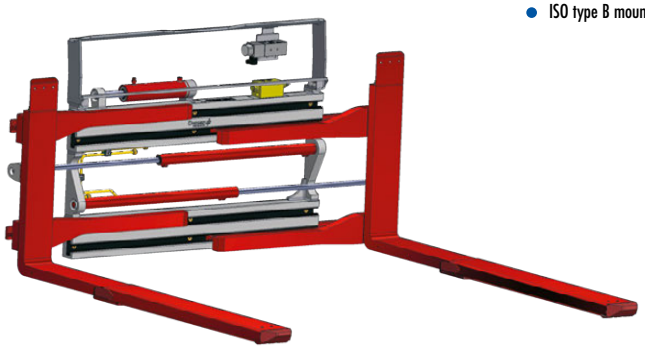
telescopic forks, constant sideshift

The **ZVP-S-TGZ** is a combination of fork positioner and telescopic forks that enables quick and cost effective loading and stacking especially when loading and unloading from one side of a vehicle. The unit copes with a variety of logistical needs including different pallet sizes and load dimensions. The telescopic forks feature 100% synchronised reach movement for ease of use. As this fork positioner spreads the forks beyond the frame width, it is ideal for handling wide goods and pallets. Clamping not allowed.
Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	lift truck to LC mm	min. carriage mm	capacity kg LC 1 mm	capacity kg LC 2 mm	ISO	B mm	opening range A OTO mm	retracted extended L1/L2 mm	fork bxh mm	fork back mm	sideshift mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ESP vert. mm	weight kg
ZVP-S-TGZ.35.1200	3,0-3,5/500	920 980	3500/500	1630/1450	III	1050 1150	560-1780 560-1880	1200/2050	161x57	150x45	+/- 100	153	290/375 285/370	226 193	505 529
ZVP-S-TGZ.35.1350	3,0-3,5/500	920 980	3500/500	1390/1750		1050 1150	560-1780 560-1880	1350/2350	161x57	150x45		153	330/440 325/435	219 217	522 546
ZVP-S-TGZ.40.1200	4,0/500	1050 1050	4000/500	1850/1450		1150 1350	550-1860 550-2060	1200/2050	161x57	150x45		155	250/320 240/310	262 260	621 661
ZVP-S-TGZ.40.1350	4,0/500	900 1050	4000/500	1550/1750		1150 1350	550-1860 550-2060	1350/2350	161x57	150x45		155	285/370 275/360	258 255	638 678
ZVP-S-TGZ.45.1200 ZVP-S-TGZ.45.1350	5,0/500	1050 1050	5000/500	2300/1450 1900/1750		1350	550-2060	1200/2050 1350/2350	161x62	150x50		165	230/285 255/320	259 251	710 729
ZVP-S-TGZ.48.1200 ZVP-S-TGZ.48.1350	5,0/600	1050 1050	5000/600	2350/1450 1950/1750		1350	550-2060	1200/2050 1350/2350	161x62	150x50		175	225/280 250/315	258 253	742 761

- 3 hydraulic functions required
- includes hoses and couplings
- bolt-on TGZ as standard
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO III upon request
- pallet stop ISO III upon request (see page 202):
  A) 75 mm on the fork pocket side
  B) 400 mm
  C) 850 mm
  type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- ISO type B mounting ISO III upon request



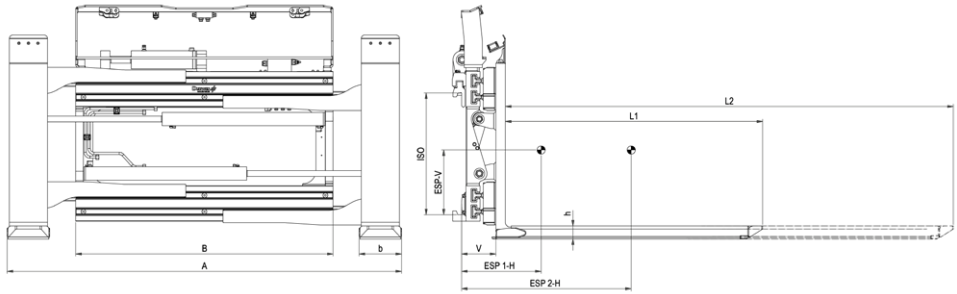
DURWEN Forklift Attachments

Fork positioner

ZVP-S-TGZ
ISO IV

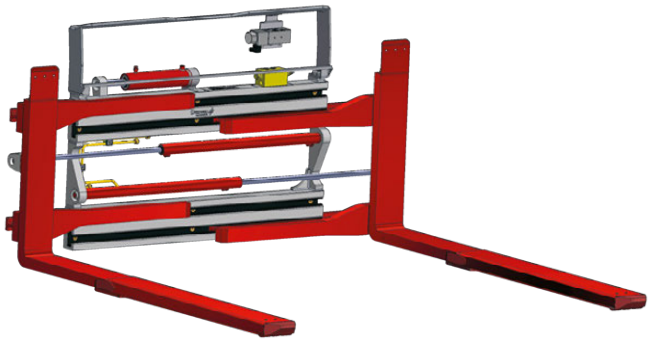
telescopic forks, constant sideshift

The **ZVP-S-TGZ** is a combination of fork positioner and telescopic forks that enables quick and cost effective loading and stacking especially when loading and unloading from one side of a vehicle. The unit copes with a variety of logistical needs including different pallet sizes and load dimensions. The telescopic forks feature 100% synchronised reach movement for ease of use. As this fork positioner spreads the forks beyond the frame width, it is ideal for handling wide goods and pallets. Clamping not allowed.
Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	lift truck to LC mm	min. carriage mm	capacity kg LC 1 mm	capacity kg LC 2 mm	ISO	B mm	opening range A OTO mm	retracted extended L1/L2 mm	fork bxh mm	fork back mm	sideshift mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ ESP vert. mm	weight kg
ZVP-S-TGZ.50.1200 ZVP-S-TGZ.50.1350	5,0/600	1090 1090	5000/600	2350/1450 1950/1750	IV	1350	550-2060	1200/2050 1350/2350	161x62	150x50	+/- 100	179	220/275 245/310	292 286	865 884
ZVP-S-TGZ.60.1200 ZVP-S-TGZ.60.1350	6,0/600	1150 1150	6000/600	3100/1450 2570/1750		1550	550-2260	1200/2050 1350/2350	215x69	200x50	+/- 160		230/295 290/365	290 284	1014 1029

- 3 hydraulic functions required
- includes hoses and couplings
- bolt-on TGZ as standard
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO IV upon request
- pallet stop ISO IV upon request (see page 202):
  A) 75 mm on the fork pocket sides
  B) 400 mm
  C) 850 mm
  type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- ISO type B mounting ISO IV upon request



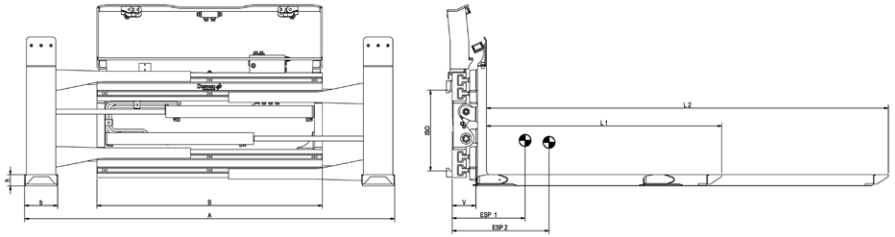
DURWEN Forklift Attachments

Fork positioner

ZVP-TGZ
ISO II/III

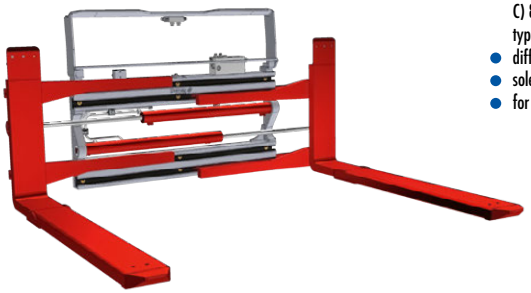
telescopic forks, no sideshift

The **ZVP-TGZ** is a combination of fork positioner and telescopic forks that enables quick and cost effective loading and stacking especially when loading and unloading from one side of a vehicle. The unit copes with a variety of logistical needs including different pallet sizes and load dimensions. The telescopic forks feature 100% synchronised reach movement for ease of use. As this fork positioner spreads the forks beyond the frame width, it is ideal for handling wide goods and pallets. Clamping not allowed.
Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	lift truck to/ LC mm	min. carriage mm	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ESP vert. mm	weight kg
ZVP-TGZ.25.1200	2,5/600	890 990	2500/600	1200/1450	II	1050 1150	560-1780 560-1880	1200/2050	161x57	150x45	131 131	273/371 264/358	177 180	473 494
ZVP-TGZ.25.1350	2,5/600	890 990	2500/600	1000/1750	II	1050 1150	560-1780 560-1880	1350/2350	161x57	150x45	131 131	315/437 304/422	169 172	490 511
ZVP-TGZ.35.1200	3,5/500	990 990	3500/500	1630/1450	III	1050 1150	560-1780 560-1880	1200/2050	161x57	150x45	136 136	265/357 257/345	220 224	501 522
ZVP-TGZ.35.1350	3,5/500	990 990	3500/500	1390/1750	III	1050 1150	560-1780 560-1880	1350/2350	161x57	150x45	136 136	305/403 295/539	211 215	507 531
ZVP-TGZ.40.1200	4,0/500	990 1150	4000/500	1850/1450	III	1150 1350	560-1860 560-2060	1200/2050	161x57	150x45	138 138	233/311 224/297	245 250	596 626
ZVP-TGZ.40.1350	4,0/500	990 1150	4000/500	1550/1750	III	1150 1350	560-1860 560-2060	1350/2350	161x57	150x45	138 138	325/480 313/461	209 215	608 648
ZVP-TGZ.45.1200	5,0/500	1150	5000/500	2300/1450	III	1350	550-2060	1200/2050	161x62	150x50	148	234/304	248	688
ZVP-TGZ.45.1350	5,0/500	1150	5000/500	1900/1750	III	1350	550-2060	1350/2350	161x62	150x50	148	322/462	215	698
ZVP-TGZ.48.1200	5,0/600	1150	5000/600	2350/1450	III	1350	550-2060	1200/2050	161x62	150x50	158	231/296	255	712
ZVP-TGZ.48.1350	5,0/600	1150	5000/600	1950/1750	III	1350	550-2060	1350/2350	161x62	150x50	158	315/449	224	731

- 2 hydraulic functions required
  (3 hydraulic functions integral sideshift)
- includes hoses and couplings
- bolt-on TGZ forks as standard
- protection strip with integrated hose guide as standard



- integral sideshift upon request
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO II/III upon request
- pallet stop ISO II/III upon request (see page 202):
  A) 75 mm on the fork pocket sides
  B) 400 mm
  C) 850 mm
  type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- for ISO type B mounting ISO II/III upon request

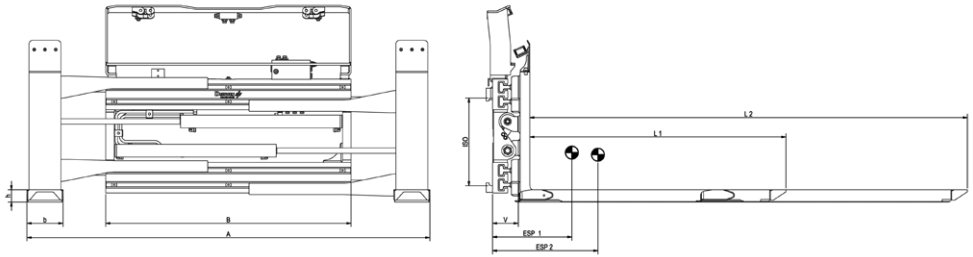
DURWEN Forklift Attachments

Fork positioner

ZVP-TGZ
ISO IV

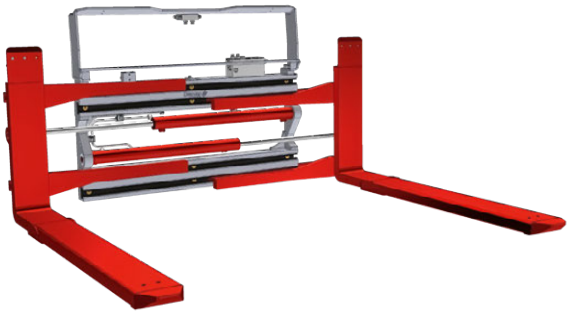
telescopic forks, no sideshift

The **ZVP-TGZ** is a combination of fork positioner and telescopic forks that enables quick and cost effective loading and stacking especially when loading and unloading from one side of a vehicle. The unit copes with a variety of logistical needs including different pallet sizes and load dimensions. The telescopic forks feature 100% synchronised reach movement for ease of use. As this fork positioner spreads the forks beyond the frame width, it is ideal for handling wide goods and pallets. Clamping not allowed.
Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	lift truck to/ LC mm	min. carriage mm	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	V LLC mm	COG/ ESP hor. 1/2 mm	COG/ ESP vert. mm	weight kg
ZVP-TGZ.50.1200	5,0/600	1255	5000/600	2350/1450	IV	1350	550-2060	1200/2050	161x62	150x50	158	205/260	290	825
ZVP-TGZ.50.1350	5,0/600	1255	5000/600	1950/1750	IV	1350	550-2060	1350/2350	161x62	150x50	158	235/295	282	844
ZVP-TGZ.60.1200	6,0/600	1420	6000/600	3100/1450	IV	1550	550-2260	1200/2050	215x69	200x50	158	230/290	285	969
ZVP-TGZ.60.1350	6,0/600	1420	5000/600	2570/1750	IV	1550	550-2260	1350/2350	215x69	200x50	158	290/360	275	984

- 2 hydraulic functions required
  (3 hydraulic functions integral sideshift)
- includes hoses and couplings
- bolt-on TGZ forks as standard
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- integral sideshift upon request
- thicker mangan steel wear zone (+6 mm) ISO IV upon request
- pallet stop ISO IV upon request (see page 202):
  A) 75 mm on the fork pocket sides
  B) 400 mm
  C) 850 mm
  type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- for ISO type B mounting ISO IV upon request



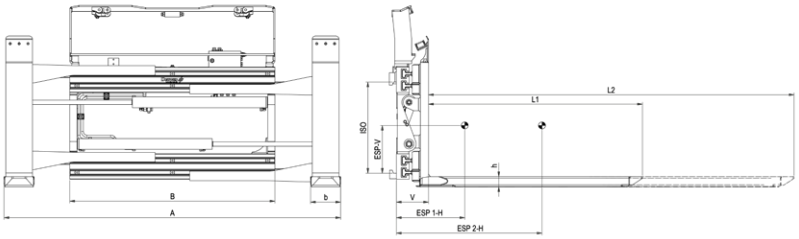
DURWEN Forklift Attachments

Reach truck fork positioner

ZVP-TGZ

telescopic forks, no sideshift, wide opening

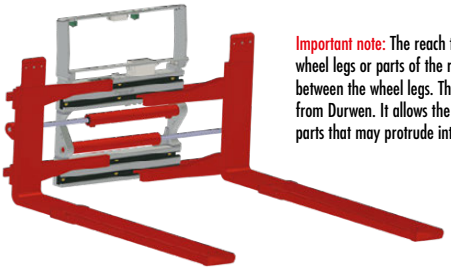
The **ZVP-TGZ** is a combination of fork positioner and telescopic forks that enables quick and cost effective loading and stacking especially when loading and unloading from one side of a vehicle. The unit copes with a variety of logistical needs including different pallets sizes and load dimensions. The telescopic forks feature 100% synchronised reach movement for ease of use. As this fork positioner spreads the forks beyond the frame width, it is ideal for handling wide goods and pallets. Clamping not allowed.
Fork pockets feature +2mm wear resistant mangan steel wear zone as standard. This model range features a small frame that supports the configuration of reach trucks.



type	lift truck to LC mm	min. carriage top/bottom mm	capacity kg LC 1 mm	capacity kg LC 2 mm	ISO	B mm	opening range A OTO mm	retracted extended L1/L2 mm	fork back mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ESP vert. mm	weight kg
ZVP-TGZ.20.1200*	1,0-2,0/600	640/640 680/600 700/680 780/730	2000/600	950/1450	II	720 750 800 880	560 - 1420 560 - 1450 560 - 1500 560 - 1580	1200/2050	131 x 57	131	294/394 286/380 275/355 277/369	168 164 166 162	363 373 378 387
ZVP-TGZ.20.1350*	1,0-2,0/600	640/640 680/600 700/680 780/730	2000/600	810/1750		720 750 800 880	560 - 1420 560 - 1450 560 - 1500 560 - 1580	1350/2350	131 x 57		331/451 329/447 325/442 318/431	160 152 150 148	385 389 395 404
ZVP-TGZ.25.1200	1,0-2,5/600	640/640 680/600 700/680 780/730	2500/600	1200/1450		720 750 800 880	560 - 1450 560 - 1480 560 - 1530 560 - 1610	1200/2050	161 x 57		313/427 310/424 306/418 300/409	164 160 162 158	408 411 417 426
ZVP-TGZ.25.1350	1,0-2,5/600	640/640 680/600 700/680 780/730	2500/600	1000/1750		720 750 800 880	560 - 1450 560 - 1480 560 - 1530 560 - 1610	1350/2350	161 x 57		354/501 356/498 352/491 345/481	152 148 146 144	425 428 434 443

- 2 hydraulic functions required (3 hydraulic functions integral sideshift)
- includes hoses and couplings
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO II upon request
- bolt-on TGZ as standard
- different pallet stop positions upon request
- integral sideshift upon request
- pallet stop, ISO II upon request (see page 202):
  A) 75 mm on the fork pocket sides
  B) 400 mm
  C) 850 mm
  type B and C reduce the useable length by 50 mm
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- LLC spacer kit upon request (can increase LLC in steps up to 50 mm)
- ISO type B mounting (ISO II) upon request

* 1-cylinder model



Important note: The reach truck must be equipped with a collision prevention that prevents collision of fork positioner parts with the wheel legs or parts of the reach truck. This means usually that fork positioning and sideshift must be shut off with the attachment between the wheel legs. The reach truck carriage design must accommodate the mounting of an attachment. A spacer kit is available from Durwen. It allows the extension of the attachment mounting up to 50 mm giving extra space for carriage parts or reach truck parts that may protrude into the attachment mounting or operation space.

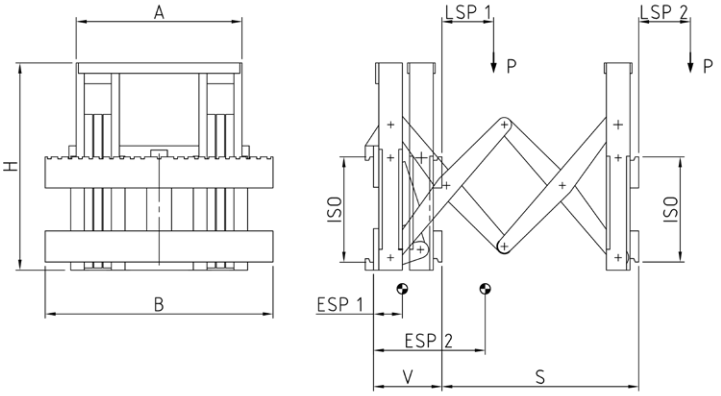
DURWEN Forklift Attachments

Load extender

no sideshift

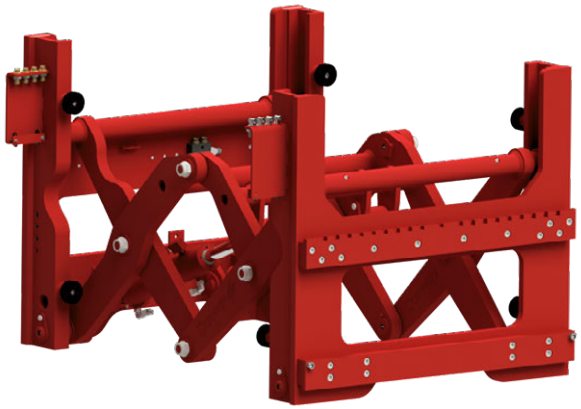
VGT-DS

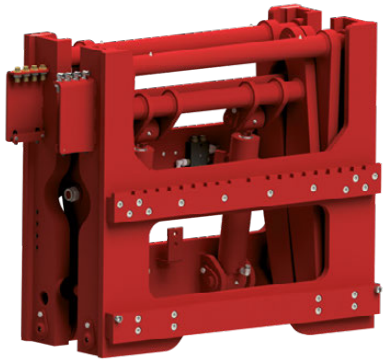
The load extender VGT-DS enables loading from one side of the vehicle. Its stable construction minimises service life cost. The original standard fork arms can be used



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	A mm	H mm	stroke S mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ESP vert. 1/2 mm	weight kg
VGT 25-DS	1,0-2,5/600	700	2500/600	II	980	800	1030	950	343	175/580	470/430	470
VGT 30-DS	3,0/500	700	3000/500	III	980	800		950	348	180/585	475/435	490
VGT 45-DS	3,0-5,0/600	980	5000/600	III	1150	1130		1050	500	230/780	470/405	1030
VGT 100-DS	8,0/900	980	6000/800	IV	1100	1130		800	540	255/660	445/415	1390

- 1 hydraulic function required
- includes hoses and couplings
- forks not included
- constant sideshift upon request



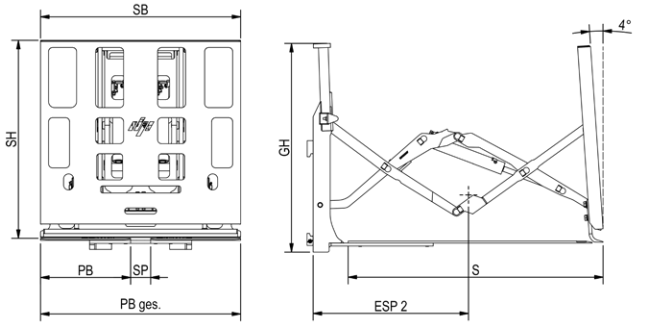


DURWEN Forklift Attachments

Push Pull

KA

The push pull KA is designed for handling of goods which are placed on slip sheets, such as cement bags, packaged food and beverages. Advantages of slip sheets are the low weight, minimum space requirements and the low costs per unit compared to pallets. The push pulls are available as quick-chance version (GZ) with fork mounting. Mounting on the truck is possible in approx. 1 minute. Another option is the ISO carriage mounting (ISO) which is designed for a long-term usage on the forklift truck with an improved handling. A sheet saver function as well as a spacer kit for use in combination with load backrests on the truck is also available.



3D product video

image shows KA 16-2-GZ

type	capacity kg/mm LC	platen length PL mm	platen width PB mm	SP mm	total width PB ges. min./max. mm	push platen width SB mm	push platen height SH mm	max. fork width mm	max. fork thickness mm	stroke S mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ESP vert 1/2 mm	weight kg
fork mounted														
KA 16-1-GZ-EU	1600/610	1220	350	175	875/-	800	1000	150	35-50	1275	165	269/765	281/215	315
KA 16-1-GZ			380	100/250	860/1010	1000	1000		35-50			278/778	281/217	325
KA 16-2-GZ			450	100/250	1000/1150							298/778	269/207	335
fork mounted including backrest spacer														
KA 16-1-GZ with spacer	1600/610	1220	380	100/250	860	1000	1000	150	35-50	1275	235	325/790	278/218	348
KA 16-2-GZ with spacer			450	100/250	1000						235	345/792	267/209	358
fork mounted with sheet saver														
KA 16-1-GZ-P*	1600/610	1220	380	100/250	860/1010	1000	1000	150	35-50	1275	250	295/712	280/226	382
KA 16-2-GZ-P*			450	100/250	1000/1150						250	313/714	269/217	395
mounting class ISO II A, min. carriage 510 mm														
KA 16-1-ISO	1600/610	1220	380	90/185/280	860/1050	1000	1000	-	-	1275	165	319/621	182/143	512
KA 16-2-ISO			450	90/185/280	990/1180			-	-		165	340/620	164/128	555
mounting class ISO II A, constant sideshift +/- 100 mm, min. carriage 700 mm														
KA 16-1-ISO-S	1600/610	1220	380	90/185/280	860/1050	1000	1000	-	-	1275	210	352/582	194/157	572
KA 16-2-ISO-S			450	90/185/280	1000/1180			-	-		210	381/580	177/142	615

image shows KA 16-2-GZ-P

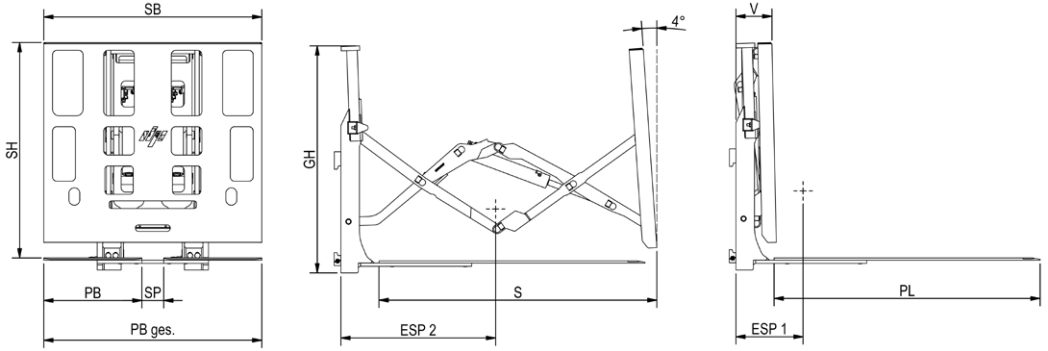
- 1 hydraulic function required (2 hydraulic functions type KA-ISO-S)
- includes hoses and couplings
- other sizes upon request
- multifaster coupling system upon request
- max. fork length 1220 mm (1100 recommended)
- backrest kit required for combined use

* 1 hydraulic function and 1 electrical function required
incl. conventional solenoid valve 12, 24, 48, or 80 Volt

DURWEN Forklift Attachments

Pusher

The pusher type AS is reduced to the ability to push off goods from the platens. It does not feature a clamp mechanism and therefore cannot pick up slip sheets autonomously. This happens oftentimes with separate units such as a conveyor belt in a production line or a crane. The AS 16-1-ISO-OT does not feature platens and uses the forks of the forklift truck. In doing so, goods can be pushed off pallets for example.



type	capacity kg/mm LC	platen length PL mm	platen width PB mm	SP mm	total width PB ges. min./max. mm	push platen width SB mm	push platen height SH mm	max. fork width mm	max. fork thickness mm	stroke S mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ESP vert 1/2 mm	weight kg
fork mounted														
AS 16-1-GZ	1600/610	1220	380	100/250	860/1010	1000	1000	150	35-50	1275	165	293/705	294/224	290
AS 16-2-GZ			450	100/250	1000/1150							315/708	280/213	305
mounting class ISO II A, min. carriage 510 mm														
AS 16-1-ISO	1600/610	1220	380	90/185/280	860/1050	1000	1000	-	-	1275	165	331/579	186/144	480
AS 16-2-ISO			450	90/185/280	990/1180			-	-			353/572	167/129	525
pusher only, no platen, min. carriage 510 mm														
AS 16-ISO-OT	-	-	-	-	-	800	1000	-	35-50	1275	245	138/576	405/324	250

- 1 hydraulic function required
- includes hoses and couplings
- other sizes upon request
- multifaster coupling system upon request
- max. fork length 1220 mm (1100 recommended)
- backrest kit required for combined use
- forks not included

forks not included

image shows AS 16-1-ISO-OT

DURWEN Forklift Attachments

Rotator type DG

3D product video

direct drive for maximum service life

high grade motor with safety valve

bolted fork carriage

steel support for rotator forks

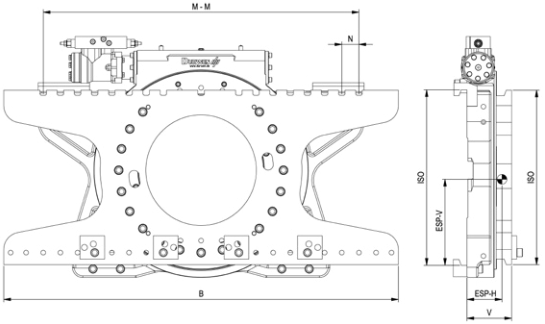
excellent visibility

stable cast frame

360° rotator

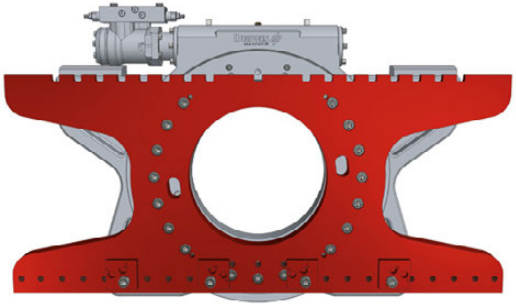
DG

The rotator DG has a cast steel frame enabling compact design. The worm gear has several teeth meshing at one time thus helping to increase the service life of the attachment. A seal fitted as standard protects the rotator against the ingress of dirt and dust.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	width B mm	centre distance M-M mm	N mm	max. torque ΔP 130 bar Nm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
DG 16	1,5-1,8/500	840	1600/500	II	880	260-660	50	5200	117	51	252	217
DG 20	2,0/500	840	2000/500	II	980	260-760	50	5200	117	52	250	223
DG 25	2,5/600	950	2500/600	II	1080	260-860	50	9400	120	53	274	269
DG 30	3,0/500	950	3000/500	III	1150	320-920	50	9400	130	61	285	316
DG 35	3,0/600-3,5/500	950	3500/500	III	1150	320-920	50	11700	135	65	285	331
DG 40	3,5/600-4,0/500	1130	4000/500	III	1150	310-910	50	14000	148	66	318	455
DG 45	4,0-5,0/600	1130	5000/600	III	1350	310-1110	50	14000	148	69	316	471
DG 50	5,0/600	1150	5000/600	IV	1380	310-1110	50	14000	153	76	334	545
DG 60	6,0/600	1120	6000/600	IV	1500	310-1210	50	22000	155	73	366	706
DG 80	7,0-8,0/600	1120	8000/600	IV	1750	380-1480	50	22000	165	80	360	763
DG 100	8,0/900	1120	8000/900	IV	1750	380-1480	50	26000	178	84	376	860
DG 120	8,0/1100-12,0/600	1120	12000/600	IV	1850	380-1580	50	26000	178	87	373	920
DG 160	14,0/600-16,0/600	-	16000/600	Pin	2400	bolt-on	100	52000	266	140	-	3700
DG 200	18,0/600-20,0/600	-	20000/600	Pin	2400	bolt-on	100	52000	271	143	-	3795
DG 240	16,0/1200	-	24000/600 16000/900	Pin	2400	bolt-on	100	52000	276	148	-	3860

- 1 hydraulic function required
- includes hoses and couplings
- safety valve as standard
- quick release hooks ISO II/III/IV upon request
- forks not included
- hook-on forks reinforced for rotator use must be used, see page 233
- options see page 241, 246

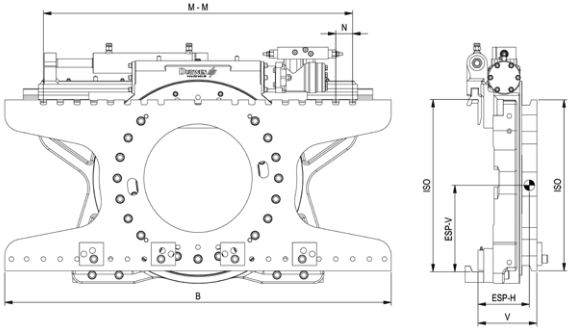


DURWEN Forklift Attachments

Sideshifting 360° rotator

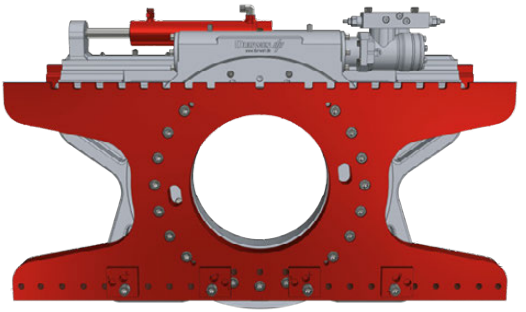
constant sideshift

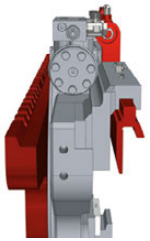
The rotator DG-S has a cast steel frame enabling compact design. The worm gear has several teeth meshing at one time thus helping to increase the service life of the attachment. A seal fitted as standard protects the rotator against the ingress of dirt and dust. DG-S is equipped with constant sideshift +/-100 mm.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	width B mm	centre distance M-M mm	N mm	max. torque ΔP 130 bar Nm	sideshift mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
DG 16-S	1,5-1,8/500	790	1600/500	II	880	260-660	50	5200	+/- 100	166	85	261	264
DG 20-S	2,0/500	790	2000/500	II	980	260-760		5200		166	87	260	270
DG 25-S	2,5/600	900	2500/600	II	1080	260-860		9400		149	72	290	314
DG 30-S	3,0/500	900	3000/500	III	1150	320-920		9400		175	90	308	375
DG 35-S	3,0/600-3,5/500	900	3500/500	III	1150	320-920		11700		180	92	308	385
DG 40-S	3,5/600-4,0/500	980	4000/500	III	1150	310-910		14000		193	95	335	550
DG 45-S	4,0-5,0/600	980	5000/600	III	1350	310-1110		14000		193	97	332	565
DG 50-S	5,0/600	1010	5000/600	IV	1380	310-1110		14000		205	107	369	668
DG 60-S	6,0/600	1100	6000/600	IV	1500	310-1210		22000		229	118	391	883
DG 80-S	7,0-8,0/600	1100	8000/600	IV	1750	380-1480		22000		239	128	386	968
DG 100-S	8,0/900	1100	8000/900	IV	1750	380-1480		26000		251	130	399	1020
DG 120-S	8,0/1100-12,0/600	1100	12000/600	IV	1850	380-1580		26000		251	133	396	1128

- 2 hydraulic functions required
- includes hoses and couplings
- safety valve as standard
- constant sideshift as standard
- options see page 241, 246
- quick release hooks ISO II/III/IV upon request
- forks not included
- hook-on forks reinforced for rotator use must be used, see page 234





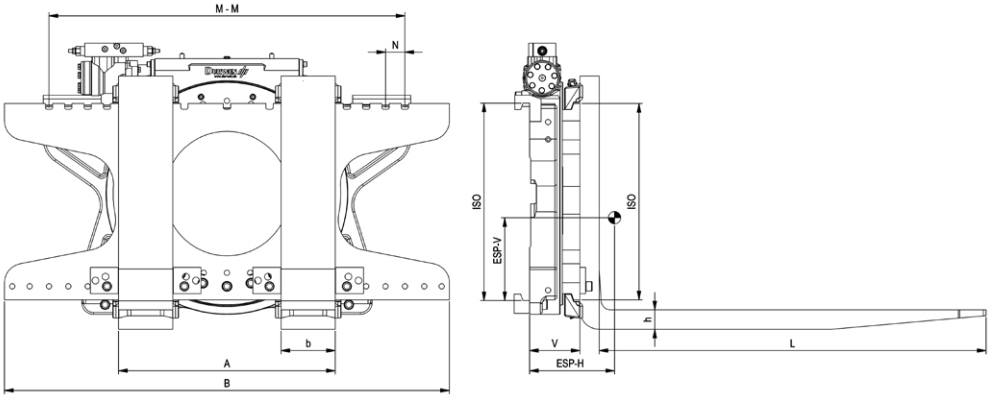
3D product video

DURWEN Forklift Attachments

360° rotator

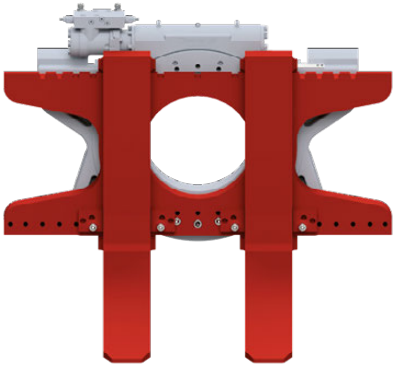
without sideshift, hook-on forks

The rotator DG-G has a cast steel frame enabling compact design. The worm gear has several teeth meshing at one time thus helping to increase the service life of the attachment. A seal fitted as standard protects the rotator against the ingress of dirt and dust.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	width B mm	centre distance M-M mm	N mm	fork position A OTO mm	forks b x h x L mm	max. torque ΔP 130 bar Nm	V LLC mm	ESP/ COG hor. mm	ESP/ COG vert. mm	weight kg
DG 16-G	1,5-1,8/500	840	1600/500	II	880	260-660	50	540	80x40x1200	5200	117	175	192	304
DG 20-G	2,0/500	840	2000/500	II	980	260-760	50	560	100x40x1200	5200	117	195	183	328
DG 25-G	2,5/600	950	2500/600	II	1080	260-860	50	560	100x45x1200	9400	120	190	210	378
DG 30-G	3,0/500	950	3000/500	III	1150	320-920	50	520	100x45x1200	9400	130	184	223	439
DG 35-G	3,0/600-3,5/500	950	3500/500	III	1150	320-920	50	545	125x45x1200	11700	135	209	213	485
DG 40-G	3,5/600-4,0/500	1130	4000/500	III	1150	310-910	50	535	125x45x1200	14000	148	181	254	606
DG 45-G	4,0-5,0/600	1130	5000/600	III	1350	310-1110	50	560	150x60x1200	14000	148	224	232	714
DG 50-G	5,0/600	1150	5000/600	IV	1380	310-1110	50	560	150x60x1200	14000	153	213	251	830
DG 60-G	6,0/600	1120	6000/600	IV	1500	310-1210	50	560	150x60x1200	22000	155	190	288	993
DG 80-G	7,0-8,0/606	1120	8000/600	IV	1750	380-1480	50	580	200x60x1200	22000	165	214	273	1175

- 1 hydraulic function required
- includes hoses and couplings
- safety valve as standard
- quick release hooks ISO II/III/IV upon request
- hook-on forks reinforced for rotator use included
- options see page 241, 246



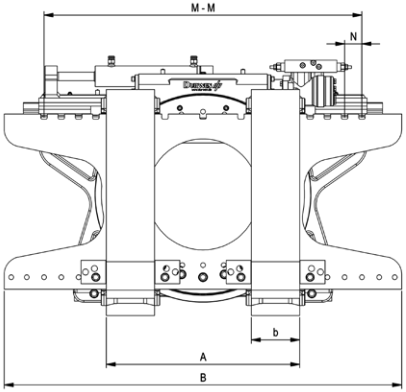
DURWEN Forklift Attachments

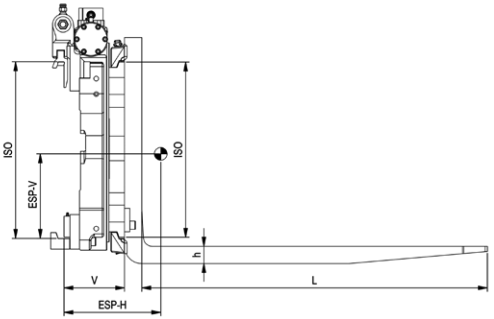
Sideshifting 360° rotator

constent sideshift, hook-on forks

DG-GS

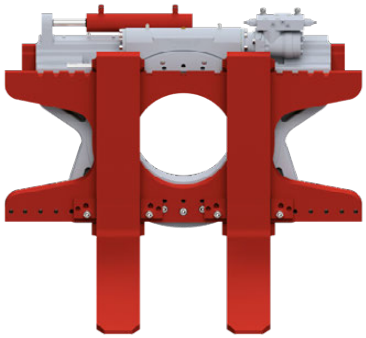
The rotator DG-GS has a cast steel frame enabling compact design. The worm gear has several teeth meshing at one time thus helping to increase the service life of the attachment. A seal fitted as standard protects the rotator against the ingress of dirt and dust. DG-GS is equipped with constant sideshift +/-100 mm.





type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	width B mm	centre distance M-M mm	N mm	fork position A OTO mm	forks b x h x L mm	max. torque ΔP 130 bar Nm	sideshift mm	V LLC mm	ESP/ COG hor. mm	ESP/ COG vert. mm	weight kg
DG 16-GS	1,5-1,8/500	790	1600/500	II	880	260-660	50	540	80x40x1200	5200	+/- 100	166	199	206	351
DG 20-GS	2,0/500	790	2000/500	II	980	260-760	50	560	100x40x1200	5200		166	219	197	375
DG 25-GS	2,5/600	900	2500/600	II	1080	260-860	50	560	100x45x1200	9400		149	199	229	422
DG 30-GS	3,0/500	900	3000/500	III	1150	320-920	50	520	100x45x1200	9400		175	203	248	498
DG 35-GS	3,0/600-3,5/500	900	3500/500	III	1150	320-920	50	545	125x45x1200	11700		180	227	238	539
DG 40-GS	3,5/600-4,0/500	980	4000/500	III	1150	310-910	50	535	125x45x1200	14000		193	198	275	701
DG 45-GS	4,0-5,0/600	980	5000/600	III	1350	310-1110	50	560	150x60x1200	14000		193	240	253	808
DG 50-GS	5,0/600	1010	5000/600	IV	1380	310-1110	50	560	150x60x1200	14000		205	233	286	952
DG 60-GS	6,0/600	1100	6000/600	IV	1500	310-1210	50	560	150x60x1200	22000		229	225	322	1192
DG 80-GS	7,0-8,0/606	1100	8000/600	IV	1750	380-1480	50	580	200x60x1200	22000		239	250	305	1375

- 2 hydraulic functions required
- includes hoses and couplings
- safety valve as standard
- constant sideshift as standard
- options see page 241, 246
- quick release hooks ISO II/III/IV upon request
- hook-on forks reinforced for rotator use included



DURWEN Forklift Attachments

360° rotator

adjustable and foldable sidearm

DG-ST-K
DG-S-ST-K

The rotator DG-ST-K has a manually foldable sidearm that provides side support to containers during the emptying process. The foldable sidearm can be adjusted for boxes from 1200 to 2250 mm box width. The arm can be manually removed and inserted on the other side of the unit. The boxes (containers) should have closed pockets for the forks in order to avoid loosing them when rotating. The unit does not clamp the container. If you need to clamp the container for safer handling, please see our type DGE box discharger or rotator type DG-BK.

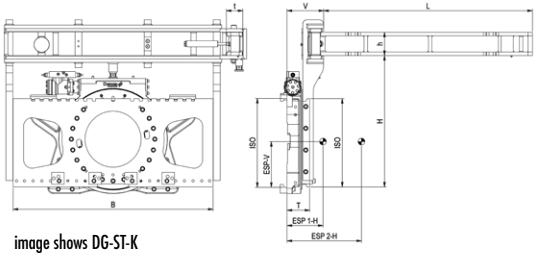


image shows DG-ST-K

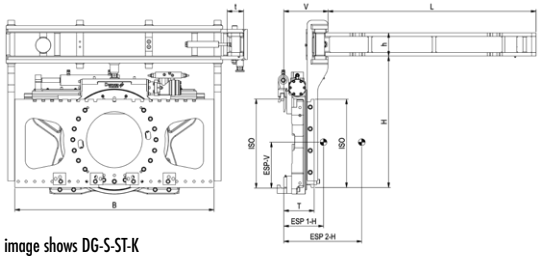


image shows DG-S-ST-K

without sideshift															
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	width B mm	arm h x t x L mm	max. torque ΔP 130 bar Nm	Height H carriage mm	overall height* mm	supported box width mm	T mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ESP vert 1/2 mm	weight kg
DG 20-ST-K	1,0-2,0/500	840	2000/500	II	1150	134x70x1200	5200	721	970	1200-2250	117	202	91/139	431	410
DG 25-ST-K	2,5/600	950	2500/600	II			9400	721	970		120	206	90/133	433	446
DG 30-ST-K	3,0/500	950	3000/500	III			9400	758	1010		130	211	93/133	439	492
DG 35-ST-K	3,0/600-3,5/500	950	3500/500	III			11700	758	1010		135	216	97/138	441	502

- 1 hydraulic function required
- includes hoses and couplings
- safety valve as standard
- quick release hooks ISO II, ISO III upon request
- forks not included
- hook-on forks reinforced for rotator use must be used

*with ISO 2328 A forks

with constant sideshift															
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	width B mm	arm h x t x L mm	max. torque ΔP 130 bar Nm	Height H carriage mm	overall height* mm	supported box width mm	sideshift mm	T mm	V LLC mm	COG/ESP hor. 1/2 mm	COG/ESP vert 1/2 mm	weight kg
DG 20-S-ST-K	1,0-2,0/500	790	2000/500	II	1150	134x70x1200	5200	721	970	1200-2250	+/- 100	166	251	129/172	422	448
DG 25-S-ST-K	2,5/600	900	2500/600	II			9400	721	970			149	237	111/150	433	490
DG 30-S-ST-K	3,0/500	900	3000/500	III			9400	755	1010			175	256	125/160	440	550
DG 35-S-ST-K	3,0/600-3,5/500	900	3500/500	III			11700	755	1010			180	261	130/165	442	560

- 2 hydraulic functions required
- includes hoses and couplings
- safety valve as standard
- constant sideshift as standard
- quick release hooks ISO II/III/IV upon request
- forks not included
- hook-on forks reinforced for rotator use must be used

*with ISO 2328 A forks

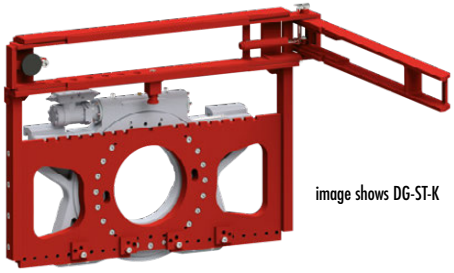


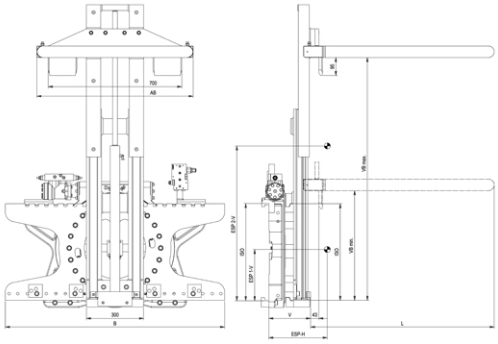
image shows DG-ST-K

DURWEN Forklift Attachments

360° **rotator** hydraulic claws

DG-BK

The rotator DG-BK has a bolt-on stabilizing arm and claws to fix a box (container) on the forks. This is a suitable solution whenever the box needs to be rotated 180° for emptying bulk material. The arm and the claws arehydraulically driven and secure the box onto the forks.

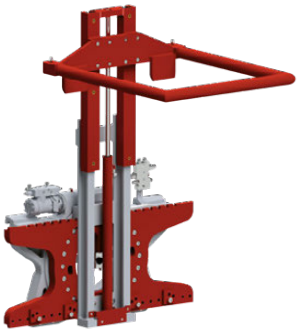


type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	width B mm	arm AB x L mm	max. torque ΔP 130 bar Nm	VB ISO A mm	VB ISO B mm	V LLC mm	COG/ESP hor. mm	OG/ESP vert. 1/2 mm	weight kg
DG 20-BK	1,0-2,0/500	840	2000/500	II	980	820 x 1200	5200	650-1350	726-1426	206	142	352/522	378
DG 25-BK	2,0-2,5/600	950	2500/600	II	1080		9400		726-1426	209	135	358/509	430
DG 30-BK	3,0/500	950	3000/500	III	1150		9400		777-1477	219	136	559/494	480
DG 35-BK	3,0/600-3,5/500	950	3500/500	III	1150		11700		777-1477	224	141	364/499	495

- 2 hydraulic functions required
- includes hoses and couplings
- forks not included
- quick release hooks ISO II/III upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- hook-on forks reinforced for rotator use must be used

type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	width B mm	arm AB x L mm	max. torque ΔP 130 bar Nm	VB ISO A mm	VB ISO B mm	sideshift mm	V LLC mm	COG/ ESP hor. mm	OG/ESP vert. 1/2 mm	weight kg
DG 20-S-BK	1,0-2,0/500	790	2000/500	II	980	820 x 1200	5200	650-1350	726-1426	+/- 100	256	174	349/504	417
DG 25-S-BK	2,0-2,5/600	900	2500/600	II	1080		9400		726-1426		238	160	361/498	475
DG 30-S-BK	3,0/500	900	3000/500	III	1150		9400		777-1477		264	165	361/481	545
DG 35-S-BK	3,0/600-3,5/500	900	3500/500	III	1150		11700		777-1477		269	170	366/486	560

- 3 hydraulic functions required
- includes hoses and couplings
- hook-on forks reinforced for rotator use must be used
- quick release hooks ISO II/III upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- forks not included
- for special arm sizes, please ask



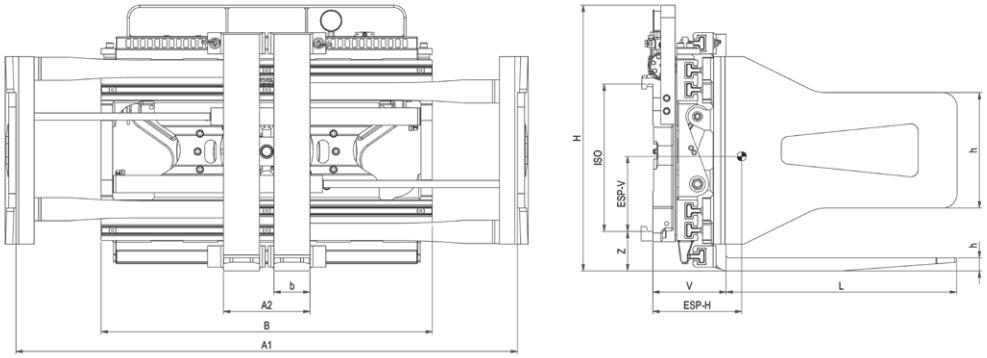
DURWEN Forklift Attachments

Container discharger

DGE

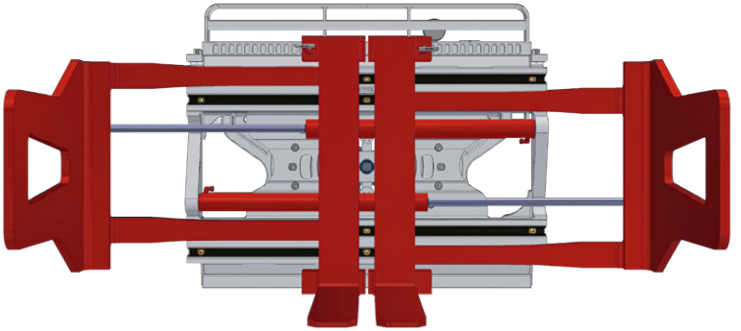
360° total rotation

The rotating container discharger DGE rotates 360° and is developed for emptying containers and vessels. The load is picked up with the forks and supported at the sides by the clamping arms. To protect the containers, the attachment is equipped as standard with a pressure relief valve and pressure gauge. Fork positioning is manual. The Durwen direct drive rotator uses a worm wheel system protected against the ingress of dirt and will give a long service life. The unit is not designed for bale handling.



type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	opening range A ITI mm	forks b x h x L mm	arms L x h mm	Z mm	H mm	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg	moving mass kg
DGE 20	1,0-2,0/500	840	1500/500	II	1050 1150	480-1640 480-1740	100x40x800	800x400	136	830	226	229 227	288 290	700 715	529 544
DGE 25	2,0-2,5/600	950	2000/500	II	1050 1150	480-1640 480-1740	125x45x800			920	255	218 218	266 266	840 855	618 634
DGE 30	3,0/500	950	2500/500	III	1050 1150	480-1640 480-1740	125x45x800			920	255	218 218	266 266	850 860	618 634

- 2 hydraulic functions required (3 hydraulic functions with constant sideshift)
- includes hoses and couplings
- including pressure relief valve and pressure gauge
- safety valve as standard
- with pressure relief valve on the clamp function as standard
- with protection strip type SB-DG as standard (does not rotate)
- constant sideshift see page 248
- longer arms and forks upon request, max. length 1200 mm, data change, please ask
- rubber coated arms upon request

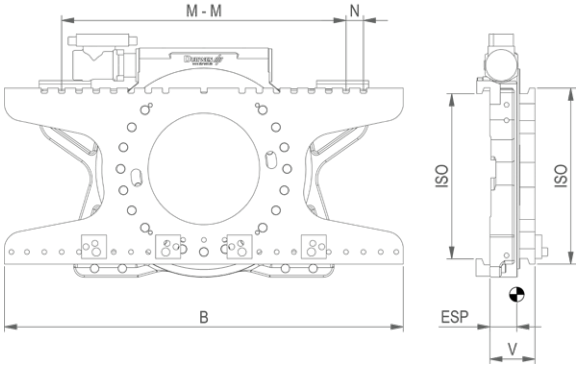


DURWEN
Now includes protection strip type SB-DG

DURWEN Forklift Attachments

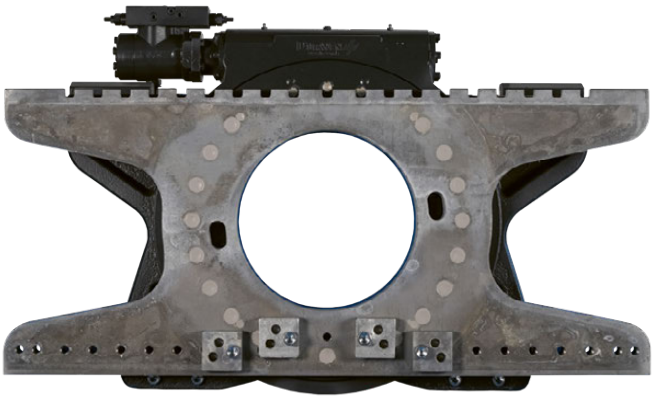
360° rotator
Fishing industry version

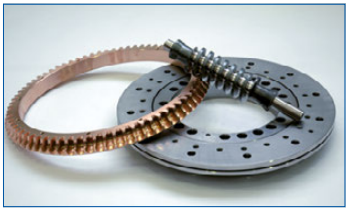
The Rotator DG-F has a cast steel frame enabling a compact design. The worm gear has several teeth meshing at one time thus helping to increase the service life of the attachment. A seal fitted as standard protects the rotator against the ingress of dirt and dust. This version includes multi layer surface protection, hot dip galvanized parts, sealed bolts, external lubricant access and is therefore perfectly suited for the fishing and port industries.



type	lift truck capacity to	min. carriage mm	capacity kg/mm LC	ISO	width B mm	max. torque ΔP 100 bar Nm	centre distance M - M mm	N mm	V LLC mm	ESP/COG hor. mm	ESP/COG vert. mm	weight kg
DG 16-F	1,5-1,8/500	840	1600/500	II	880	4000	260-660	50	117	51	252	217
DG 20-F	2,0/500	840	2000/500	II	980	4000	260-760	50	117	52	250	223
DG 25-F	2,5/600	950	2500/600	II	1080	7300	260-860	50	120	53	274	285
DG 30-F	3,0/500	950	3000/500	III	1150	7300	320-920	50	130	61	285	335
DG 35-F	3,0/600-3,5/500	950	3500/500	III	1150	11700	320-920	50	135	65	285	350

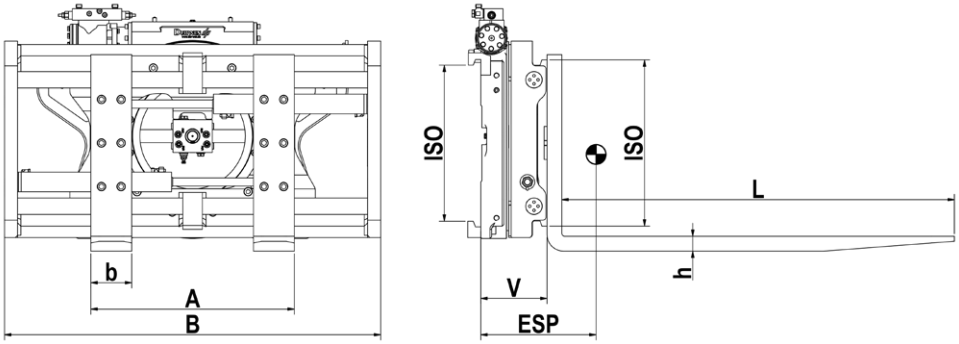
- 1 hydraulic function required
- includes hoses and couplings
- safety valve as standard
- forks not included
- hook-on forks reinforced for rotator use must be used
- sideshift upon request only
- colour dark grey





DZVW-GF 360°
Fishing industry version

The revolving fork positioner DZVW-GF rotates through 360° and has bolt-on forks. The units strong construction with round bar technology guarantees a long service life. The rotator unit has a strong direct drive transmission and is proven in heavy-duty applications. Specification fishery industry version: sea water resistant paint, selected hot dip galvanized frame parts, external lubricant access for main slew bearing, sealed bolts where possible, stainless guides and partial stainless cylinders.



type	lift truck capacity to	min. carriage mm	ISO	capacity kg/mm LC	B mm	A mm	forks b x h x l mm	V LLC mm	ESP/COG hor. mm	ESP/COG vert. mm	weight kg
DZVW 20-GF	2,0/500	950	II	1800/500	1150	300-1030	100x45x1200	203	191	231	537
DZVW 25-GF	2,5/600		II	2200/500		320-1050	120x40x1200		197	228	545
DZVW 30-GF	3,0/500		III	2500/500		325-1055	125x45x1200		214	222	572
DZVW 35-GF	3,5/500		III	3000/500		325-1055	125x45x1200		217	322	577

- 2 hydraulic functions required
- includes bolt-on forks
- colour dark grey
- not designed for the use with inverted forks. Suitable solutions upon request.

DURWEN Forklift Attachments

Fishing industry version

Fork clamps PGK (integral sideshift) PGK-S (constant sideshift)		
type	B mm	remarks*
PGK		
PGK 15-25	up to 1150	• frame, protection strip and arm carriers galvanized • cylinder and forks in seawater-resistant paint RAL 7021 • galvanized bolts and hooks • seawater-resistant piston rods and locking nuts • bolts sealed with silicone
PGK 30-35	up to 1350	
PGK 40-48	up to 1550	
PGK 50-60	up to 1750	
PGK 80-100	up to 2000	
PGK-S		
PGK 15-25-S	up to 1150	• frame, sideshift rail, protection strip and arm carriers galvanized • cylinder and forks in seawater-resistant paint RAL 7021 • galvanized bolts and hooks • seawater-resistant piston rods and locking nuts • bolts sealed with silicone
PGK 30-35-S	up to 1350	
PGK 40-48-S	up to 1550	
PGK 50-60-S	up to 1750	
PGK 80-100-S	up to 2000	

Revolving fork clamp DUZ (without sideshift) DUZ-S (constant sideshift)		
type	B mm	remarks*
DUZ		
DUZ 15-25	up to 1150	• frame, protection strip and arm carriers galvanized • rotator, cylinder and forks in seawater-resistant paint RAL 7021 • galvanized bolts and hooks • seawater-resistant piston rods and locking nuts • bolts sealed with silicone
DUZ 30-35	up to 1350	
DUZ 40-48	up to 1550	
DUZ 50-60	up to 1750	
DUZ 80-100	up to 2000	
DUZ-S		
DUZ 15-25-S	up to 1150	• frame, sideshift rail, protection strip and arm carriers galvanized • rotator, cylinder and forks in seawater-resistant paint RAL 7021 • galvanized bolts and hooks • seawater-resistant piston rods and locking nuts • bolts sealed with silicone
DUZ 30-35-S	up to 1350	
DUZ 40-48-S	up to 1550	
DUZ 50-60-S	up to 1750	
DUZ 80-100-S	up to 2000	

- Technical data may change for fishing industry version (e.g. capacity reduction), please enquire.

Foundry version

rotators		
type	remarks*	level
DG/ DG-S	motor protection plate against mechanical damage	A
DG	motor protection plate against mechanical damage, internal protection tube, heat protection plate, heat-resistant hoses, open rotators eye for good visibility	B
DG-S		
DG	motor protection plate against mechanical damage, rotator closed in the middle, heat protection plate, heat-resistant hoses	C
DG-S		

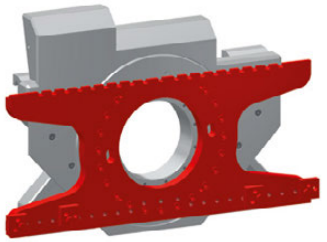


image shows type DG level B

fork clamps		
type	remarks*	level
PGK/ PGK-S	cylinder protection against mechanical damage	A
PGK/ PGK-S	cylinder protection against mechanical damage, brass bearings, heat-resistant hoses	B
PGK/ PGK-S	cylinder protection against mechanical damage, brass bearings, heat-resistant hoses, closed protection strip	C

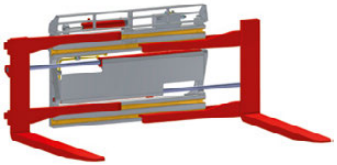


image shows type PGK-S level B

revolving fork clamps		
type	remarks	level
DUZ/ DUZ-S	cylinder protection against mechanical damage, motor guard plate and valve protection	A
DUZ/ DUZ-S	cylinder protection against mechanical damage, brass bearings, heat-resistant hoses, motor protection plate and valve protection	B
DUZ/ DUZ-S	cylinder protection against mechanical damage, brass bearings, heat-resistant hoses, heat shield and valve protection	C

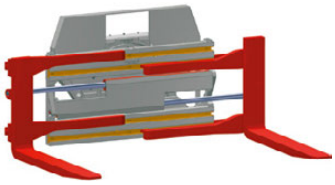


image shows type DUZ level B

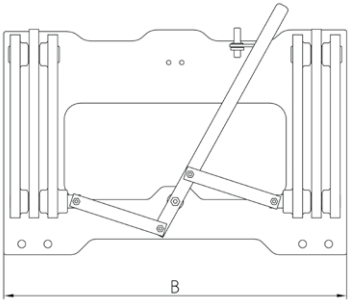
* data change, please ask

Quick-change system

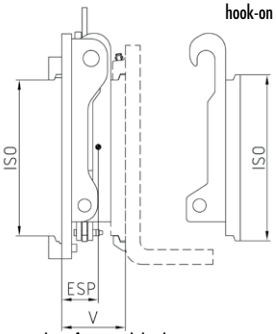
SWV
ISO II/III

manual operation

With the Durwen **quick-change unit SWV**, attachments can be changed quickly and without the use of tools.This device is suitable when the truck is used for a wide range of applications and several attachments are needed. The lower locking mechanism is manually operated as standard. The fork carriage is hooked into the upper mounting of the base frame.



base frame with
manual lock mechanism



hook-on fork carriage

base frame with hook-on
fork carriage installed

quick change unit, hook-on base frame							
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	COG/ESP hor. mm	weight kg
SWV 25	1,0 - 2500/600	1000	2500/600	II	1050	30	105
SWV 35	3,0 - 3500/600		3500/600	III		32	175
SWV 45	4,0 - 5000/600		5000/600	III		38	180

single hook-on fork carriage, for additional ISO forks or attachment			
type	ISO	B mm	weight kg
fork carriage for SWV 25	II	1050	65
fork carriage for SWV 35	III	1150	123
fork carriage for SWV 45	III	1350	150

- hooks can be welded directly on some Durwen attachments for reduced lost load center and higher residual capacity. SWV 25, SWV 35, SWV 45 upon request. No add-on price for integral attachments - choose from this catalogue. Option available for: PGK, PBK, PZK, USK, KKP (all), ZVP, RZV, PZV, RZV-TGZ, ZVP-TGZ

technical data quick change unit (base frame) incl. fork carrige with hooks				
type	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
SWV 25 + fork carriage	140	62	285	170
SWV 35 + fork carriage	195	85	365	298
SWV 45 + fork carriage	205	95	364	330

- hydraulic locking upon request
- parking devices for attachments upon request
- integral version upon request

constant sideshift upon request (requires one additional hydraulic function)	extra weight kg	extra thickness mm
constant sideshift ISO II	+20 kg	+17 mm
constant sideshift ISO III	+25 kg	

- multiple quick coupling upon request

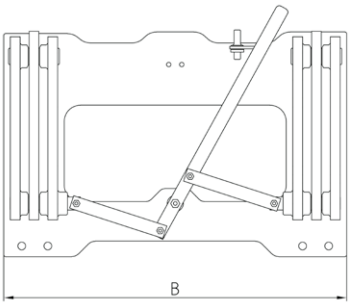
DURWEN
Forklift Attachments

Quick-change system

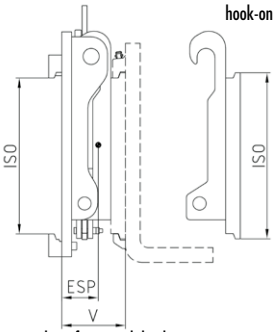
SWV ISO IV

manual operation

With the Durwen **quick-change unit SWV**, attachments can be changed quickly and without the use of tools.This device is suitable when the truck is used for a wide range of applications and several attachments are needed. The lower locking mechanism is manually operated as standard. The fork carriage is hooked into the upper mounting of the base frame.



base frame with
manual lock mechanism



hook-on fork carriage

base frame with hook-on
fork carriage installed

quick change unit, hook-on base frame							
type	lift truck to LC mm	min. carriage mm	capacity kg LC mm	ISO	B mm	COG/ESP hor. mm	weight kg
SWV 60	6,0/600	1000	6000/600	IV	1100	40	280
SWV 80	7,0-8,0/600		8000/600			28	345
SWV 110	8,0/900 8,0/1100		8000/1100			45	388

single hook-on fork carriage, for additional ISO forks or attachment			
type	ISO	B mm	weight kg
fork carriage for SWV 60	IV	1500	300
fork carriage for SWV 80	IV	1800	345
fork carriage for SWV 110	IV	1800	355

- hooks can be welded directly on some Durwen attachments for reduced lost load center and higher residual capacity. SWV ISO IV upon request. No add-on price for integral attachments - choose from this catalogue. Option available for: PGK, PBK, PZK, USK, KKP (all), ZVP, RZV, PZV, RZV-TGZ, ZVP-TGZ

technical data quick change unit (base frame) incl. fork carrige with hooks				
type	V LLC mm	COG/ESP hor. mm	COG/ESP vert. mm	weight kg
SWV 60 + fork carriage	252	126	406	580
SWV 80 + fork carriage	262	131	410	690
SWV 110 + fork carriage	272	134	409	745

- hydraulic locking upon request
- parking devices for attachments upon request
- integral version upon request

constant sideshift upon request (requires one additional hydraulic function)	extra weight kg	extra thickness mm
constant sideshift ISO IV	+110 kg	+23

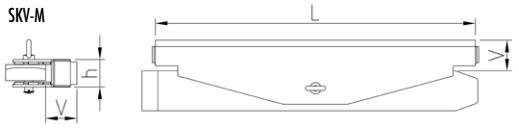
- multiple quick coupling upon request

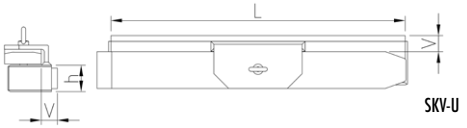
DURWEN Forklift Attachments

Slip-on arms for clamps

Slip-on arms are the ideal solution for Durwen fork clamps. They enable handling drums, bales, building material, concrete pipes etc. more efficiently.

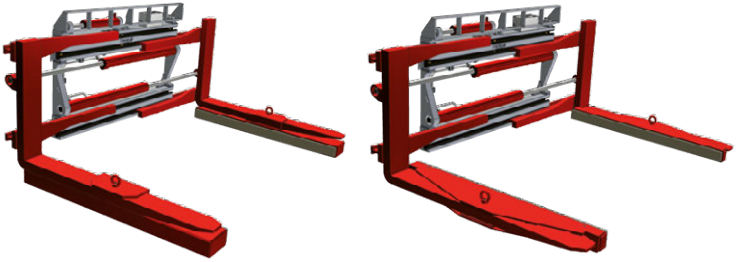
SKV-M

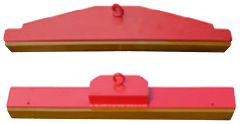


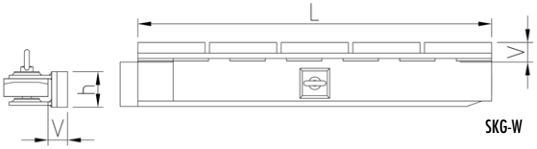


SKV-U

stone slip-on arms with vulkolan strip, exchangeable					
type	length L mm	h mm	remarks	V LLC mm	weight kg
SKV-M	1200	90	vulkolan strip in the middle, inserted laterally, the shoe is at the same height as the forks	90	105
SKV-U			vulkolan strip at the bottom, the shoe is below the forks	60	110

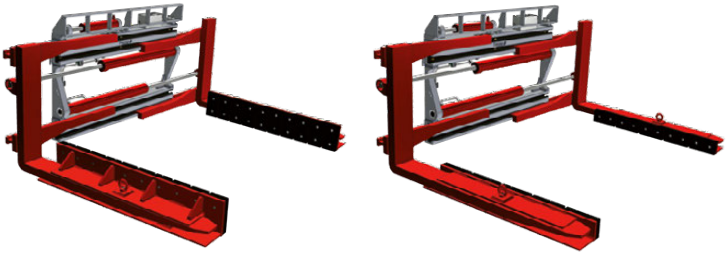






SKG-W

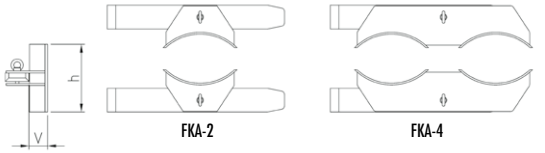
stone slip-on arms with rubber plates, exchangeable					
type	length L mm	h mm	remarks	V LLC mm	weight kg
SKG-W	1200	100	rubber plates in the middle, bolt-on horizontally, the shoe is at the same height as the forks	60	90
SKG-S		190	rubber plates in the middle, vertically bolt-on, the shoe is at the same height as the forks		105



DURWEN Forklift Attachments

Slip-on arms for clamps

Slip-on arms are the ideal solution for Durwen fork clamps. They enable handling drums, bales, building material, concrete pipes etc. more efficiently.



FKA-2 FKA-4

slip-on arms for drums (for safe transport of drums)				
type	h mm	remarks	V LLC mm	weight kg
FKA-2	200	1-2 drums (please specify drum diameter)	130	26
FKA-4		2-4 drums (please specify drum diameter)		76

Rubber coating type FKA-2, type FKA-4 upon request

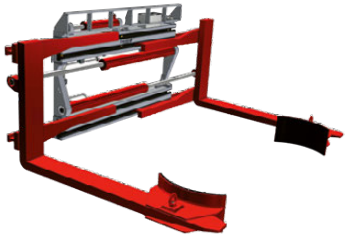
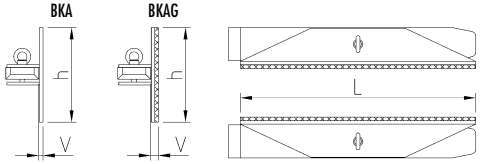
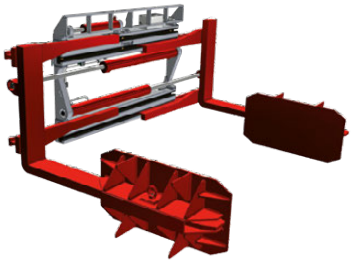
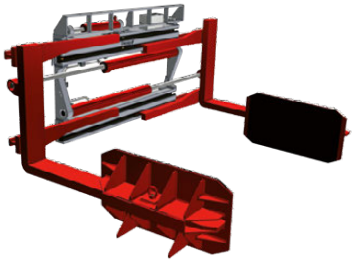


image shows FKA-2 with rubber coating



slip-on arms for bales					
type	length L mm	h mm	remarks	V LLC mm	weight kg
BKA	800	400	centered on the forks, the shoe is at the same height as the forks	30	100
BKAG			same as type BKA, incl. rubber coating on the inside	40	108





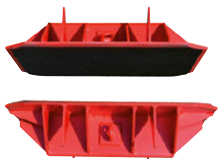
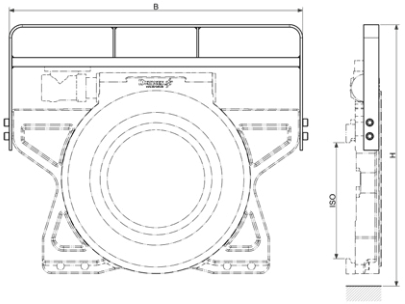


image shows type BKAG

DURWEN Forklift Attachments

Protection strip/load backrest



Protection strip for DG (P. 231), DG-S (P. 232), DG-G, (P. 233), DG-GS (P. 234)

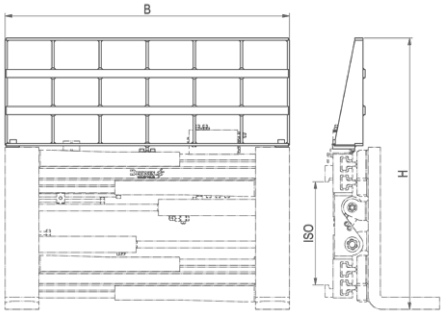
type	ISO	width B mm	height* H mm	weight kg	included on the following attachments	option available for**
SB-DG 25	II	920	770	7	DUZ 15, DUZ 15-S, DDGK 20, DPBK 20, DGE 20, DZVW 16-G/GS, DZVW 20-G/GS	DG/DG-S 16, DG/DG-S 20
		970	860	8	DUZ 25, DUZ 25-S, DDGK 25, DPBK 25, PWK 25, DGE 25, DZVW 25-G/GS, DZVW 28-G/GS	DG/DG-S 25
SB-DG 45	III	970	860	8	DUZ 30, DUZ 35, DUZ 30-S, DUZ 35-S, DDGK 30, DPBK 30, PWK 30, PWK 35, DGE 30, DZVW 30-G/GS, DZVW 35-G/GS	DG/DG-S 30, DG/DG-S 35
		1190	980	9	DUZ 40, DUZ 45, DUZ 48, DUZ 40-S, DUZ 45-S, DUZ 48-S, DPBK 35, DPBK 40, DPBK 45, PWK 45, DZVW 40-G/GS , DZVW 45-G/GS	DG/DG-S 45
SB-DG 100	IV	1190	1025	9	DUZ 50, DUZ 50-S, DPBK 50, DZVW 50-G/GS	DG/DG-S 50
		1225	1160	14	DUZ 60, DUZ 80, DUZ 60-S, DUZ 80-S, DPBK 60, DPBK 80, DZVW 60-G/GS, DZVW 80-G/GS	DG/DG-S 60, DG/DG-S 80
		1225	1145	14	DUZ 100, DUZ 100-S, DPBK 100	DG/DG-S 100, DG/DG-S 120

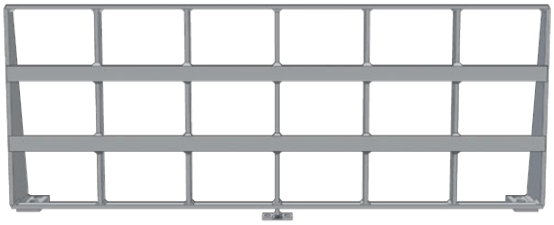
- protection strip is mounted to the rotators body, therefore it is not rotating
- other widths upon request

* with ISO 2328 A

** data change, please ask

Load backrest





Load backrest for clamps and fork positioners based on clamp design for PGK-S (P. 33-34), PGK (P. 35-36), DGK (P. 46), DGK-S (P. 47), UFK (P. 50), USK (P. 52), KKP, KHG, KKS, KKS-S-T (P. 65-69), ZVP-S (P. 105-107), ZVP (P. 108-109), ZVP-AS (P. 110-111), ZVP-A (P. 112-113), ZVP for reach trucks (P. 114-115)

type	ISO	B mm	height* H mm
LS-K 25	II	720-1100 1110-1350	1000
LS-K 45	III	980-1150 1160-1350 1360-1550 1560-1750	1200
LS-K 80	IV	1350-1800 1810-2400	1500

● other widths upon request

* with ISO 2328 A

Load backrest for bale clamps for PBK (P. 56-57), PZK (P. 58-59), PBK-CR (P. 60)

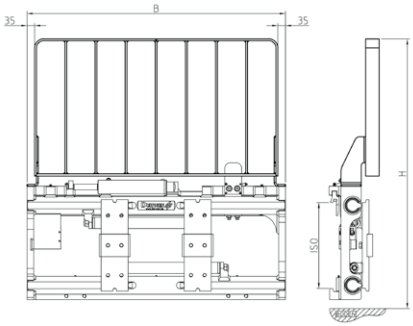
type	ISO	width B mm	height* H mm
LS-K 25	II	720-1100 1110-1350	1000
LS-K 45	III	980-1150 1160-1350 1360-1550 1560-1750	1200
LS-K 80	IV	1350-1800 1810-2400	1400

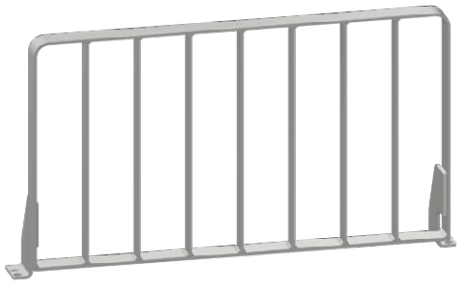
● other widths upon request

● LS-K 25 for bale clamps max height 1200 mm, higher upon request only

*with ISO 2328 A

Load backrest





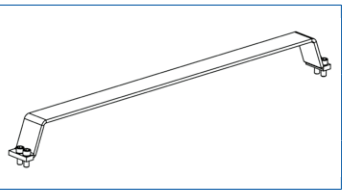
Load backrest for fork positioner for ZVW (P. 117-119), ZVW-S, (P. 120-122), ZVW-G (P. 123-125), ZVW-GS (P. 126-128), ZVW-I (P. 132-134), ZVW-IG (P. 135-137), RZV-S (P. 140-142), RZV (P. 143-145), RZV-GS (P. 146-148), RZV-G (P. 149-151), RZV, RZV-G for reach trucks (P. 152-153), RZV-I (P. 154-155), RZV-IG (P. 156-158), PZV-S, (P. 162-163), PZV (P. 164-165), PZV-GS (P. 166-167), PZV-G (P. 168-169), PZV-SI (P. 170-171), PZV-I (P. 172-173), PZV-GSI (P. 174-176), PZV-IG (P. 177-179), PZV-GC (P. 180)

type	ISO	width B mm	height* H mm
LS-RP 25	II	750-1100 1110-1350	1000**
LS-RP 45	III	1040-1150 1160-1350 1360-1550 1560-1750	1200**
LS-RP 80	IV	1350-1800 1810-2400	1500***

● other widths upon request *with ISO 2328 A ** higher than 1400 mm upon request *** higher than 1800 mm upon request

Bolt-on protection strip for all ZVW, RZV, PZV models

ISO	height h mm
II/III	125
IV	120



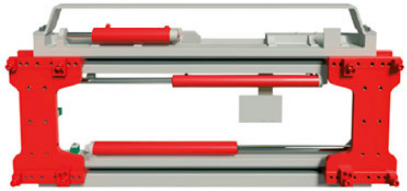


image shows PZV-S with protection strip

Option constant sideshift for revolving units for DPBK (P. 61), DDGK (P. 45), PWK (P. 48), DFK (P. 50), DGE (P. 237)

options	extra weight	extra thickness	remarks
solenoid valve (conventional)	–	–	indicate voltage
constant sideshift ISO II	35 kg	45 mm	+/- 100 mm, 3rd function
constant sideshift ISO III	50 kg	45 mm	+/- 100 mm, 3rd function
constant sideshift ISO IV	210 kg	73 mm	+/- 100 mm, 3rd function

Force options

Durwen pressure relief valves are used to adjust the desired clamping force. They are mostly used on appliance clamps or paper roll clamps. They are solenoid powered and require electric power.

Pressure relief valve with LED display

item-Nr.:	description	function	remarks
367045	pressure relief valve 2 steps electrically operated	pressure relief valve for 1 additional pressure	- incl. pressure relief valve - incl. selector switch with LED display and junction box - incl. valve plug with cable
367031	pressure relief valve 3 steps electrically operated	pressure relief valve for 2 additional pressures	
367048	pressure relief valve 4 steps electrically operated	pressure relief valve for 3 additional pressures	

Pressure relief valve with light tower

item-Nr.:	description	function	remarks
367044	pressure relief valve 2 steps electrically operated	pressure relief valve for 1 oadditional pressure	- incl. pressure relief valve - incl. selector switch and junction box - incl. light tower with light elements and angled base - incl. valve plug with cable
367042	pressure relief valve 3 steps electrically operated	pressure relief valve for 2 additional pressures	
367047	pressure relief valve 4 steps electrically operated	pressure relief valve for 3 additional pressures	

Pressure relief valve with LED display and light tower

item-Nr.:	description	function	remarks
367046	pressure relief valve 2 steps electrically operated	pressure relief valve for 1 additional pressure	- incl. pressure relief valve - incl. light tower with light elements and angled base - incl. selector switch with LED display and junction box - incl. valve plug with cable
367043	pressure relief valve 3 steps electrically operated	pressure relief valve for 2 additional pressures	
367049	pressure relief valve 4 steps electrically operated	pressure relief valvel for 3 additional pressures	

- Please indicate voltage

2 steps pressure relief valve

selector switch with LED display

selector switch

light tower with 3 light elements

junction box

valve plug with cable

Prices only valid in combination with purchase of a new attachment.

DURWEN Forklift Attachments

Electrical mounting kits

The Durwen **electrical mounting kits** are used to supply power to the solenoid valve on the attachment. For a complete mounting set you always need module 1: switch set, module 2: cable set (optionally 2a, 2b or 2c) and module 3: connection cable. The bundles on the next page allow you to choose complete mounting sets.

Module 1: Switch set

item-Nr.:	picture	description
1840061		Switch set with cable from inside cabin to mast transfer point on forklift side

Module 2a: Cable set with deflection roller

item-Nr.:	picture	description
1840062		Cable with return pulley from transfer point mast on forklift side via mast to transfer point on attachment side, up to 9000 mm

Module 2b: Cable set with spiral cable

item-Nr.:	picture	description
1840086		Spiral cable from transfer point mast on forklift side via mast to transfer point on attachment side up to 9000 mm

Module 2c: Cable set with electric spring cable drum including holder

item-Nr.:	picture	description
1840068		Electric cable reel with cable from transfer point mast on forklift side, via mast to transfer point on attachment side, up to 7000 mm
1840069		Electric cable reel with cable from transfer point mast on forklift side, via mast to transfer point on attachment side, up to 12000 mm

Module 3: Connection cable

item-Nr.:	picture	description
1840063		Connection cable between transfer point fork carriage side to solenoid valve on the attachment

Prices only valid in combination with the purchase of a new attachment.

Electrical mounting kits

simplex, no freelift

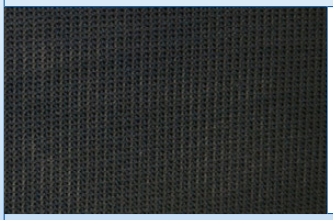
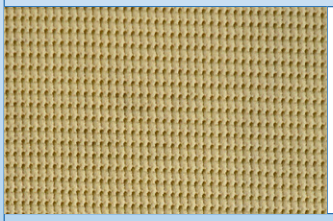
simplex, duplex,
with or without freelift

all mast types including simplex,
duplex, triplex, quadruplex
with or without freelift

Bundles

bundle	item-Nr.:	description
1 return pulley	1840064	consisting of module 1, 2a, 3
2 spiral cable	1840065	consisting of module 1, 2b, 3
3 electric spring cable reel	1840066	consisting of module 1, 2c, 3 (up to 7000 mm)
4 electric spring cable reel	1840067	consisting of module 1, 2c, 3 (up to 12000 mm)

Surfaces for carton/appliance clamps

	RiGu black approx. 65 shore	**Standard coating** • multi-purpose rubber • friction ●●●●● • wear resistance ●●●●○
	supergrip black approx. 65 shore	• multi-purpose rubber • friction ●●●●○ • wear resistance ●●●●○ upon request
	supergrip beige approx. 45 shore	• non-marking • friction ●●●●● • wear resistance ●●○○○ upon request
	rhombic rubber black approx. 65 shore	• good durability • friction ●●○○○ • wear resistance ●●●●● upon request

other surface coatings upon request

Accessories

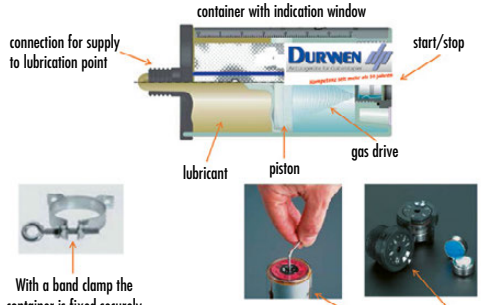
automatic lubrication / auto lube system

1: lubricant
2: piston
3: gas drive

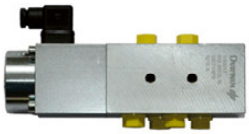
hose connection
to access point

adjustable drive unit, from stop to
12 months

easy to adjust
and to check



sideshift top and bottom (4 units)
DPK 16-30 upon request
for sideshift top (2 units)
DPK 32-80/DRPK/SPK upon request

conventional 6/2 solenoid valve 12, 24, 48 or 80 Volt, indicate voltage	2 hoses with couplings, 1 set (length 650/800/1000)	pressure gauge 0-400 bar
		
upon request	upon request	upon request

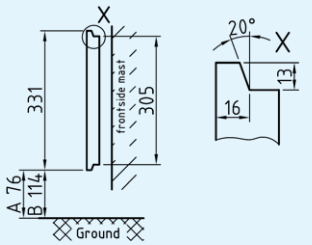
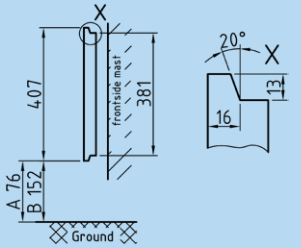
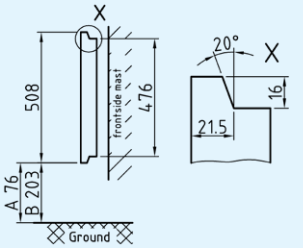
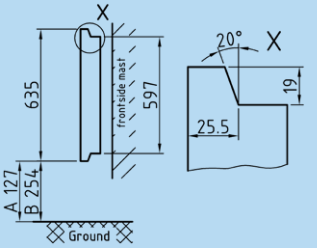
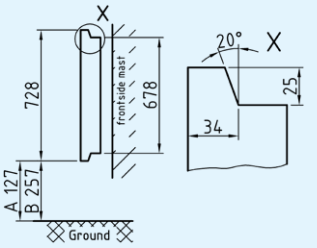
lower quick release hooks, ISO II	lower quick release hooks ISO III	lower quick release hooks ISO IV
upon request	upon request	upon request

pressure relief valve 30 - 150 bar	3 stage pressure relief valve, pressure set manually
upon request	upon request

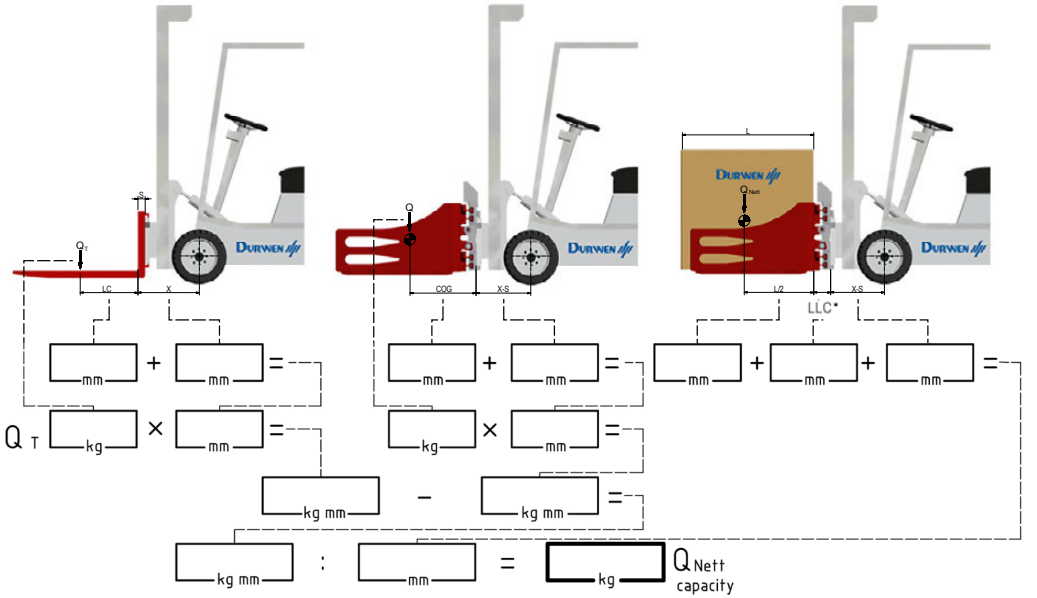
DURWEN Forklift Attachments

Lift truck carriage standards

ISO 2328

ISO	max. capacity kg	mounting A/B
I	0-999	
II	1.000-2.500	
III	2.501-4.999	
IV	5.000-8.000	
V	8.001-9.999	

Capacity calculation



* Please add for attachments with forks the fork thickness

Formulas or our online capacity calculation tool can give you a good idea of how the capacity of the forklift truck will be affected due to the attachment combined.

The formula and the online tool does not consider different forklift truck configurations or sideshift or lift heights and provides you with estimate data only. Please make sure you are combining the correct ISO classes and follow the max. forklift truck combination according to Durwen product information in the catalogue or web site.

We take no liability for printing errors or typos or human errors. Technical changes can be done by Durwen anytime. Figures are indicative only. All electronic copy must be allowed by ourselves prior to publishing.

A legally binding capacity determination or proof of tilt stability can only be done by the lift truck supplier who has the responsibility for the forklift truck and attachment combined.

When looking for an offer or further support by Durwen simply send in your calculation as PDF file to Durwen or to the Durwen dealer in your country.

Use our online calculator!

Simply scan the QR code, or find it at the following URL:
https://www.durwen.de/en/info-portal/capacity-calculation

Information about this Durwen product range and price list

1. General information:
With release of this new price list validity of all present price lists will expire.
Business cases are subject to the general terms and conditions of Durwen Maschinenbau GmbH. Our general terms and conditions of sale can be requested at Durwen or downloaded from our web site www.durwen.de.

2. Purchase orders
For ISO mounted attachments please indicate type of forklift truck, size of fork carriage, width of fork carriage as well as kind of hydraulic coupling. If you are ordering an attachment with load backrest and you are planning to use your own forks provide us with the fork dimensions you are going to use, please. Our backrests are positioned 5 mm behind the fork back front face as standard. For fork mounted attachments indicate cross section and length of forks. For integral attachments, the original forklift truck carriage must be supplied FOC to Durwen factory for overtaking the brackets on the attachment. Alternatively stub shafts and chain anchors and original forklift truck carriage drawings must be supplied FOC to Durwen.

For spare part orders indicate type of attachment as well as serial number mentioned on the name plate.
The serial number always starts with the letter D and is stamped into the frame also.

3. Indicated dimensions, weights, load capacity, technical specifications, and illustrations are without any commitment. We take no liability for printing mistakes and errors. Opening ranges of fork clamps measured near to the clamp frame without consideration of toe in. Constructions are subject to change without prior notice. Indicated load capacities are referring to the attachment and are appropriate to common forklift truck sizes. Despite that the residual capacity of the forklift truck and the attachment combined needs to be checked, respecting that in each case the lowest capacity value is binding.

The centre of gravity (COG/ESP) information is the hypothetical mass-centre of the attachment. It is given in horizontal (COG/ESP hor.) and vertical (COG/ESP vert.) dimension. The horizontal centre of gravity (COG/ESP hor.) is given from the point of contact at the forklift, e.g. the carriage. The vertical centre of gravity (COG/ESP ver.) is given from the lower edge of the forklift truck carriage. For fork mounted attachments the data is given from the horizontal contact point forklift and vertical from floor.

With this catalogue we provide you for attachments with integral sideshift with the information on the lateral moving mass. The moving mass is the lateral (sideways) moving part of the total attachment weight. The column “weight” provides you with the total weight of the product.

4. Durwen attachments are corresponding to machinery directive 2006/42/EG and will be identified with CE-markings. Operators’ manual, spare part information and technical information is provided on our service portal for 24/7 access.

5. Prices mentioned in this catalogue are to be understood as gross prices in Euro.
Prices do not include taxes.
Prices are based Incoterms 2020: EXW Plaidt
Packing expenses or insurance are not included.

6. All orders are subject to our general terms and conditions.

7. Colour of products decided by Durwen if not different agreed upon in writing.

8. Hydraulic connections metric (10 L, 10 S, 12 L, 12 S, 15 L, 15 S), connection hoses usually 800 mm (650 mm) long, 12 S, coupling female. Integral units feature metric hydraulic interface, sealed with a cap.
All dimensions given are in millimetre (mm), kilogramme (Kg), bar (bar) unless otherwise clearly indicated.
The lift truck column recommends a max. forklift truck with a forklift truck capacity that is according to the following load centres (LC): ISO 2328 class 2 and 3 LC = 500 mm, class 4 and 5 LC = 600 mm if not stated different.
The operating area and the load characteristics must be taken into consideration when choosing an attachment.
If in doubt, please consult Durwen or the local distributor.

DVS ZERT

CERTIFICATE

D-ZE-16083-01-00-ISO3834-2015.0362.005

DVS ZERT GmbH hereby certifies that the company

DURWEN
Anbaugeräte für Gabelstapler

Durwen Maschinenbau GmbH
August-Horch-Straße 5
56637 Plaidt
Germany

has furnished proof to fulfil
the quality requirements for welding according to

DIN EN ISO 3834-2:2021

in the extent mentioned on the reverse side.

validity: 2024-11-27 until 2027-12-21

Düsseldorf, 2024-11-27
Place and date of issue
B.Eng. Benölken
Lead Assessor

Dipl.-Ing. Gurschke
Head of certification body

DVS ZERT GmbH, Aachener Straße 172, 40223 Düsseldorf, GERMANY

DAkkS Deutsche Akkreditierungsstelle D-ZE-16083-01-00

Certificate

Standard **ISO 9001:2015**

Certificate Registr. No. **01 100 001000**

Certificate Holder:

DURWEN Forklift Attachments More than 70 years experience

Durwen Maschinenbau GmbH
August-Horch-Str. 5
56637 Plaidt
Germany

including the locations according to annex

Scope: Development, production, distribution, service and rental of lift truck attachments

Proof has been furnished by means of an audit that the requirements of ISO 9001:2015 are met.

Validity: The certificate is valid from 2024-09-23 until 2027-08-31.
First certification 2000;
Date of recertification audit: 2024-08-14;
Expiry date of last certification cycle: 2024-08-31

2024-09-25

TÜV Rheinland Cert GmbH
Am Grauen Stein · 51105 Köln

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DAkkS Deutsche Akkreditierungsstelle D-ZM-16031-01-00

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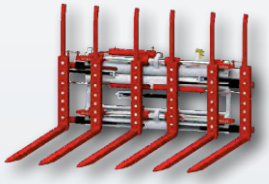

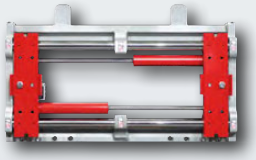

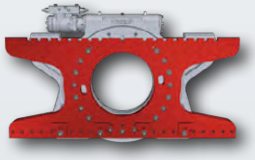

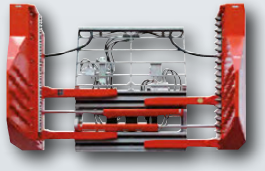

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