

## FORK POSITIONERS

### for Reach Trucks

# S11

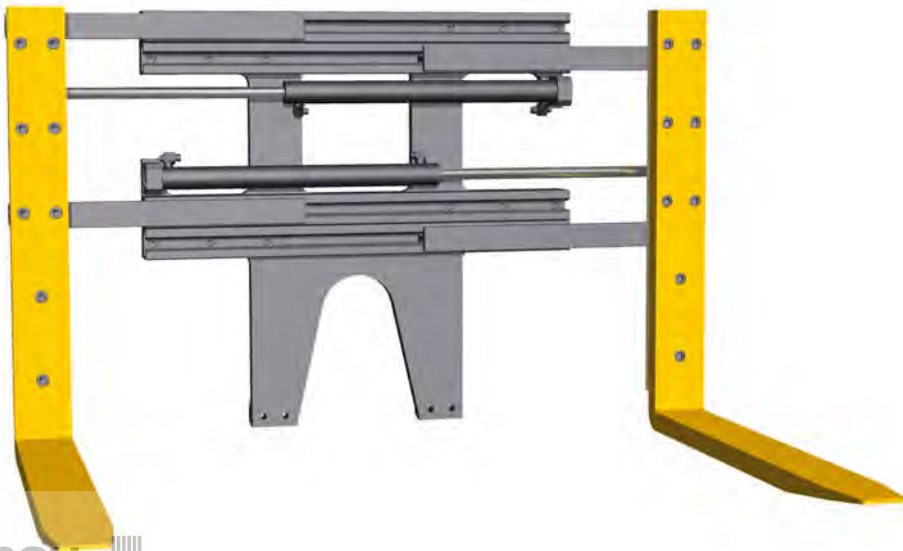
Fork positioners enable hydraulic positioning of forks. These attachments are used in particular for frequently changing load widths.

Due to the sturdy frame construction, the heavy-duty version is even suited for the toughest applications. A great deal of spreading stress can be absorbed due to the double-shaft guide and the bolt-on forks. When handling round goods, we recommend chamfering the inner and outer edges of the forks in order to avoid damage to the goods. For the emptying of boxes, the attachment is available as a rotatable version.

If a wide opening range is required, hydraulic fork spreaders should be used. With hydraulic fork spreaders and a frame width corresponding to the vehicle, the opening range of the forks can be adjusted beyond the width of the vehicle. Loads cannot be clamped with this attachment. Both attachments can be equipped with telescopic forks, which are serially provided as bolt-on forks.

Fork positioners can be equipped with a separate sideshifter or a sideshift valve. With the integral version, the attachment and not the fork carrier is mounted directly into the mast. This keeps the loss in load capacity to a minimum and enhances driver visibility.

Fork positioners ZVP/ZVPV allow mounting the truck's forks. Due to the profile guide, the opening range of the forks can be adjusted in accordance with the width of the attachment.



## Fork Positioners (Heavy-duty)



### Model S 11 - ZV

- Frame construction
- Double-shaft guided
- Forks adjustable to any position inside the frame
- Forks serially bolted on

from page 74

## Fork Positioners, Rotatable

S11



### Model S 11 - ZV-360°

- Rotation range 360°
- Frame construction
- Double-shaft guided
- Forks adjustable to any position inside the frame
- Forks serially bolted on

from page 80

## Fork Positioners, Profile-Guided



### Model S 11 - ZVP/ZVPV

- Profile-guided
- Forks can be hooked on
- ZVP for ISO classes 2 and 3 with forced hydraulic synchronism (not for version -SV)
- ZVPV for ISO class 4
- Forks adjustable to any position inside the frame

from page 82

## Fork Positioners with Large Opening Range



### Model S 11 - ZVKG

- Profile-guided
  - Opening range of the forks beyond the attachment width
  - Forks serially welded on
- from page 106

## Fork Positioners for Reach Trucks



### Model S 11 - ZVKGS/ZVPS

- Profile-guided
  - Opening range beyond the attachment width (ZVKGS) – opening range within the attachment contours (ZVPS)
  - Various designs for reach trucks
  - With/without forks/telescopic forks
- from page 108

## Fork Positioners with Telescopic Forks



### Model S 11 - ZV-TGH

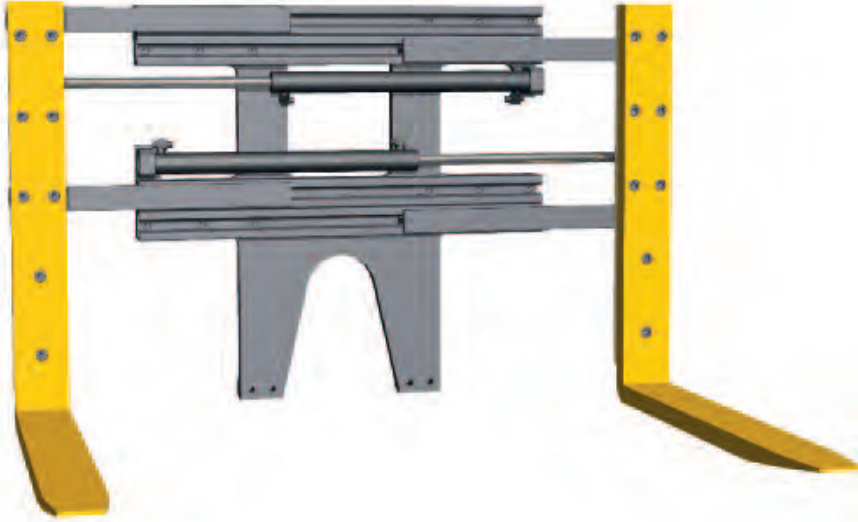
- Bolt-on telescopic forks serially
- ZV-TGH shaft-guided – Forks adjustable to any position inside the frame
- ZVPV/ZVPV-TGH profile-guided – opening range corresponding to attachment width
- ZVKG-TGH profile-guided – opening range of forks beyond the attachment width

from page 111

# Fork Positioners for Reach Trucks

For reach trucks, we recommend using hydraulic fork spreaders of a body width corresponding to the inner width of the truck's support arms. If, due to a greater opening range, a wider frame should be required, we

recommend positioning the frame above the support arms. For this purpose, the forks and the mounting are extended downwards by the height of the support arms.



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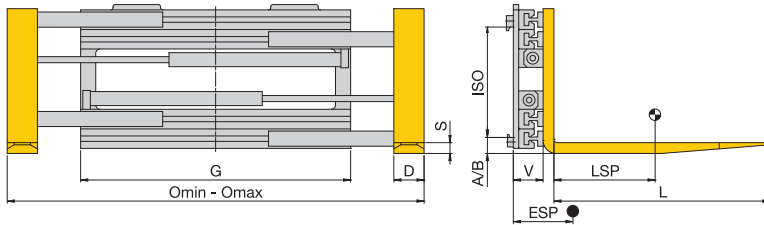
ZVKS, narrow design for reach trucks  
ZVPS for reach trucks



ZVKS-H, extended height for reach trucks

# Fork Positioners ZVKGs-Series for Reach Trucks

1 hydraulic function

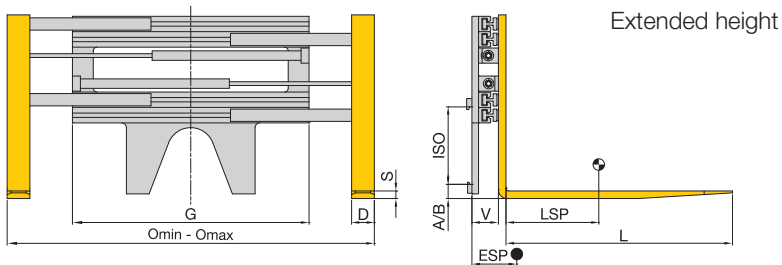


Large opening range · Forks serially welded on

Model	Load capacity	LC (LSP)	ISO	Omin-Omax	G	D	S	L	V*	CoG* (ESP*)	Weight*	Price	Surcharge per 100 mm add. fork length
	kg	mm		mm	mm	mm	mm	mm	mm	mm	mm		
S 11 - ZVKGs 18	1500	600	2	560-1560	880	120	40	1200	130	210	350		
S 11 - ZVKGs 25	2200	600	2	560-1560	880	125	45	1200	130	225	370		

- **Not suited for clamping applications**
- Surcharge for bolt-on forks
- Surcharge for separate sideshift

- Surcharge for forced hydraulic synchronism on request.
- Camera systems on request.
- \* Can vary depending on the vehicle type.



Large opening range · Forks serially welded on

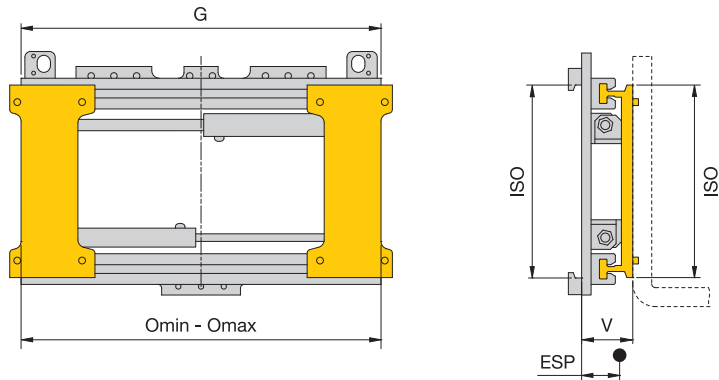
Model	Load capacity	LC (LSP)	ISO	Omin-Omax	G	D	S	L	V	CoG (ESP)	Weight	Price	Surcharge per 100 mm add. fork length	Surcharge per 100 mm add. opening range
	kg	mm		mm	mm	mm	mm	mm	mm	mm	kg			
S 11 - ZVKGs 18-H	1500	600	2	560-1840	1150	120	40	1200	140	165	495			
S 11 - ZVKGs 25-H	2200	600	2	560-1840	1150	125	45	1200	140	175	550			

- **Not suited for clamping applications**
- Surcharge for bolt-on forks
- Surcharge for separate sideshift

- Surcharge for forced hydraulic synchronism on request.
- Camera systems on request.

# Fork Positioners ZVPS-Series for Reach Trucks

1 hydraulic function



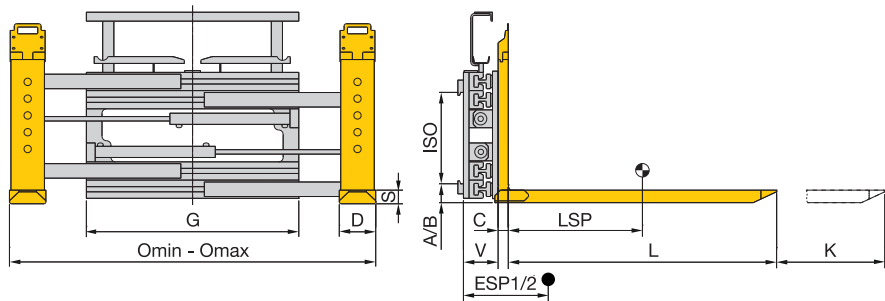
**S11** For forks according to ISO 2328

Model	Load capacity	LC (LSP)	ISO	Omin-Omax	G	V*	CoG* (ESP*)	Weight*	Price
	kg	mm		mm	mm	mm	mm	kg	
S 11 - ZVPS 20	1800	600	2	400-690	750	118	47	110	
				400-740	800	118	47	112	
				400-790	850	118	47	114	
S 11 - ZVPS 25	2500	600	2	400-690	750	118	47	112	
				400-740	800	118	47	114	
				400-790	850	118	47	116	

\* Can vary depending on the vehicle type.

# Fork Positioners ZVKGs-Series with Telescopic Forks for Reach Trucks

2 hydraulic functions



Large opening range · Forks serially bolted on

Model	Load capacity	LC (LSP)	ISO	Omin-Omax	G	Cross section* D x S		C	L	K	V**	CoG 1/ CoG 2** (ESP 1)/ (ESP 2**)	Weight**	Price	Surcharge per 100 mm add. fork length
						mm	mm								
S 11 - ZVKGs 18/TGHS 20 1200/850	1800	600	2	560-1560	880	133	58	45	1200	850	155	280/340	425		
S 11 - ZVKGs 18/TGHS 20 1350/1000	1800	600	2	560-1560	880	133	58	45	1350	1000	155	320/395	445		
S 11 - ZVKGs 25/TGH 25 1200/850	2500	600	2	560-1560	880	163	58	45	1200	850	155	305/370	475		
S 11 - ZVKGs 25/TGH 25 1350/1000	2500	600	2	560-1560	880	163	58	45	1350	1000	155	350/430	495		

- **Not suited for clamping applications.**

- Surcharge for sep. sideshift
- Surcharge for forced hydraulic synchronism on request.

\* Fork shoe reinforced in the rear area (10 mm wider)

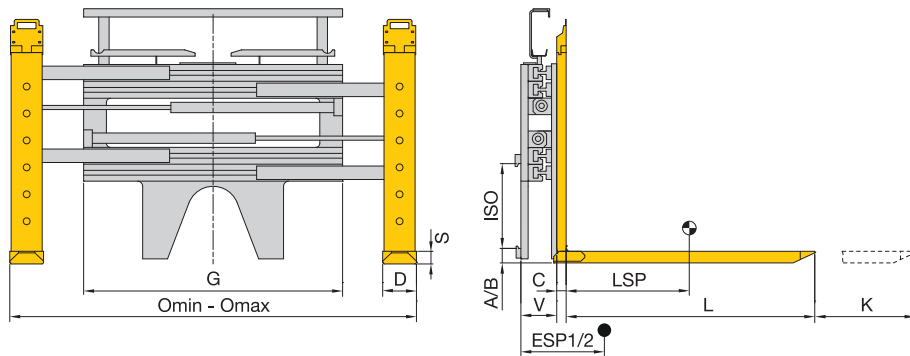
\* Surcharge for wear-resistant manganese steel strips on underside of outer forks, dimension S increases by 5 mm

- Surcharge for pallet stops A1 (located on each side of the fork shoe) or pallet stops A2 (height 400 mm)
- Surcharge for pallet stops A3 (height 850 mm)
- Surcharge for solenoid valve
- Camera systems on request.

\*\* Can vary depending on the vehicle type.

# Fork Positioners ZVKG-S-H-Series with Telescopic Forks for Reach Trucks

2 hydraulic functions



S11

Large opening range · Forks serially bolted on

Model	Load capacity	LC (LSP)	ISO	Omin-Omax	G	Cross section* D x S		C	L	K	V**	CoG 1/ CoG 2** (ESP 1)/ (ESP 2**)	Weight**	Price	Surcharge per 100 mm	
						mm	mm								fork length	larger opening range
	kg	mm		mm	mm	mm	mm	mm	mm	mm	mm	mm	kg			
S 11 - ZVKG 18-H/TGHS 20 1200/850	1800	600	2	560-1840	1150	133	58	45	1200	850	165	220/265	590			
S 11 - ZVKG 18-H/TGHS 20 1350/1000	1800	600	2	560-1840	1150	133	58	45	1350	1000	165	255/310	605			
S 11 - ZVKG 25-H/TGH 25 1200/850	2500	600	2	560-1840	1150	163	58	45	1200	850	165	240/290	660			
S 11 - ZVKG 25-H/TGH 25 1350/1000	2500	600	2	560-1840	1150	163	58	45	1350	1000	165	275/335	680			

- **Not suited for clamping applications**

- Surcharge for sep. sideshift
- Surcharge for forced hydraulic synchronism on request.

\* Fork shoe reinforced in the rear area (10 mm wider)

\* Surcharge for wear-resistant manganese steel strips on underside of outer forks, dimension S increases by 5 mm

- Surcharge for pallet stops A1 (located on each side of the fork shoe) or pallet stops A2 (height 400 mm)

- Surcharge for pallet stops A3 (height 850 mm)

- Surcharge for solenoid valve

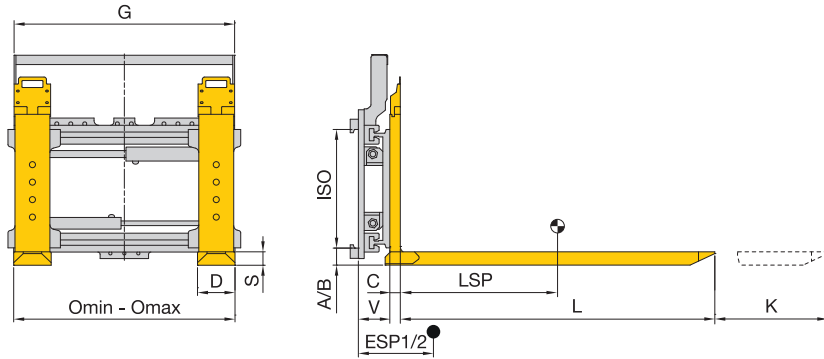
- Camera systems on request.

\*\* Can vary depending on the vehicle type.



# Fork Positioners ZVPS-Series with Telescopic Forks for Reach Trucks

2 hydraulic functions



Forks serially bolted on

Model	Load capacity	LC (LSP)	ISO	Omin-Omax	G	Cross section*		C	L	K	V**	CoG 1**/ CoG 2** (ESP 1**)/ (ESP 2**)	Weight**	Price
						D	S							
	kg	mm		mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	
S 11 - ZVPS 20/TGHS 20 1200/850	2000	600	2	400-690	750	133	58	45	1200	850	118	350/440	280	
				400-740	800	133	58	45	1200	850	118	345/440	282	
				400-790	850	133	58	45	1200	850	118	345/435	284	
S 11 - ZVPS 20/TGHS 20 1350/1000	2000	600	2	400-690	750	133	58	45	1350	1000	118	400/515	300	
				400-740	800	133	58	45	1350	1000	118	400/510	302	
				400-790	850	133	58	45	1350	1000	118	400/505	304	
S 11 - ZVPS 25/TGH 25 1200/850	2500	600	2	400-690	750	163	58	45	1200	850	118	370/470	322	
				400-740	800	163	58	45	1200	850	118	370/470	324	
				400-790	850	163	58	45	1200	850	118	370/465	326	
S 11 - ZVPS 25/TGH 25 1350/1000	2500	600	2	400-690	750	163	58	45	1350	1000	118	430/550	342	
				400-740	800	163	58	45	1350	1000	118	425/550	344	
				400-790	850	163	58	45	1350	1000	118	425/545	346	

\* Fork shoe reinforced in the rear area (10 mm wider)

\* Surcharge for wear-resistant manganese steel strips on underside of outer forks, dimension S increases by 5 mm

- Surcharge for pallet stops A1 (located on each side of the fork shoe) or pallet stops A2 (height 400 mm)

- Surcharge for pallet stops A3 (height 850 mm)

- Camera systems on request.

\*\* Can vary depending on the vehicle type.



Fork positioners - load capacity 55,000 kg / 1,200 mm



Fork positioner with load stabilizer



Fork positioner ZVP-series with telescopic forks



Fork positioner with load arm



Special fork positioner with 4 forks



Fork positioner ZVPV-series