

FORKS
FOLDING FORKS
HYDRAULIC LIFTING FORKS
MANUALLY ADJUSTABLE FORK EXTENSIONS
FORK EXTENSIONS

S1

Forks

Forks are the combining element between the load and forklift truck. They are the most stressed segments of an attachment and should thus meet the highest quality standard.

Folding Forks

On folding forks, the fork blade can be folded up to the fork back manually or hydraulically. Very often such forks are used in locations with a limited amount of space, in lifts or similar applications.

Hydraulic Lifting Forks

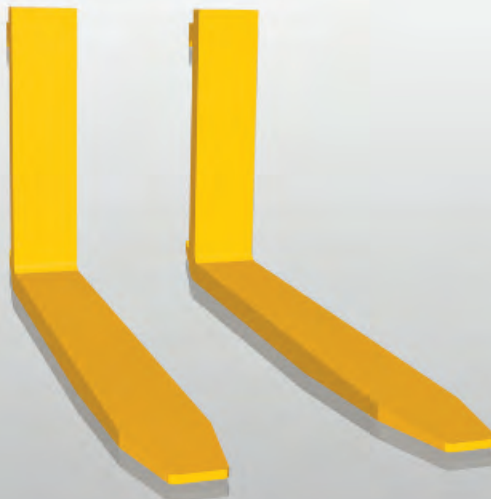
With hydraulic lifting forks, additional lifting height can be achieved. In combination with a standard fork, hydraulic lifting forks are used for leveling. In this case, the hydraulic lifting fork is equipped with positive and negative lift in comparison to the standard fork. Hydraulic lifting forks are also available in combination with other attachments, such as telescopic forks and / or fork positioners.

Manually Adjustable Fork Extensions

The manually adjustable fork extension is a combination of a fork and a fork extension. The shoe can be manually locked into its final position.

Fork Extensions

Fork extensions are available as open-base extensions (open version) or as closed-base extensions (closed version). The fork length must be at least 60% of the length of the fork extension. Fork extensions are also available with a coating or in special designs.



Forks



ISO forks

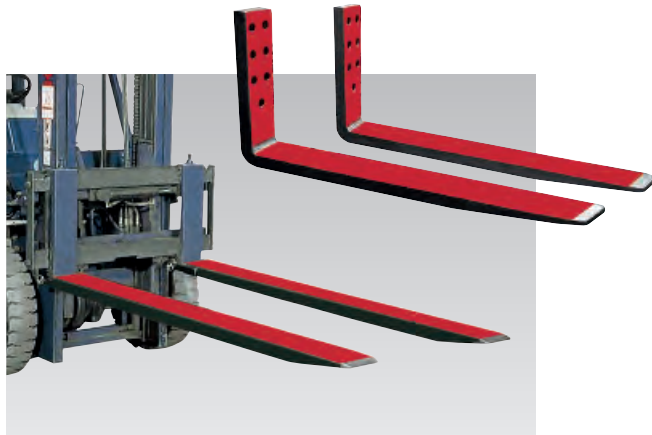
Bolt-on forks

Terminal-
West forks

Pin-type
fork

Fork Extensions and Forks

with polyurethane coating
are suited for the transportation of delicate goods – slip resistant and noise reducing.

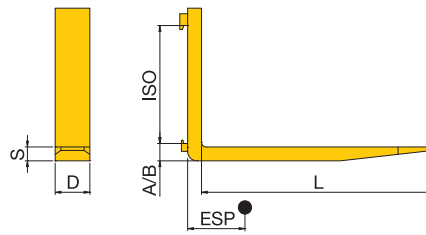


Coil Shoes

for the transportation of sheet metal coils and wire coils. The coating prevents material damage and keeps the coils from slipping off.



Forks

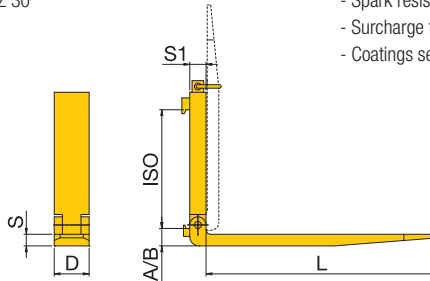


Model	Load capacity/ pair	LC (LSP)	ISO	L	Cross section D x S		CoG (ESP)	Weight per pair	Additional weight per pair per 100 mm add. length	Price per pair	Surcharge per pair per 100 mm add. length
	kg	mm			mm	mm					
S 1 - GZ 15	1500	500	2	1000	100	40	280	85	6,3	on request	
S 1 - GZ 20	2000	500	2	1000	120	40	280	105	7,5	on request	
S 1 - GZ 25	2500	500	2	1000	125	45	285	120	8,8	on request	
S 1 - GZ 30	3000	500	3	1000	140	50	265	160	11,0	on request	
S 1 - GZ 40	4000	500	3	1000	150	50	265	170	11,8	on request	
S 1 - GZ 48	5000	600	3	1000	150	60	270	205	14,1	on request	
S 1 - GZ 50	5000	600	4	1000	150	60	240	230	14,1	on request	
S 1 - GZ 60	6000	600	4	1000	150	65	245	250	15,3	on request	
S 1 - GZ 70	7000	600	4	1000	150	70	245	270	16,5	on request	
S 1 - GZ 70	7000	600	4	1000	200	60	245	310	18,9	on request	
S 1 - GZ 80	8000	600	4	1000	200	70	245	360	22,0	on request	
S 1 - GZ 120	12000	600	4	1000	200	80	250	420	25,1	on request	

- Surcharge for bolt-on forks: up to GZ 40
up to GZ 80
> GZ 80
- Surcharge for long tapered forks:
- Surcharge for harbor fork design: up to GZ 30

- Surcharge for reinforced lower hooks (for rotators): ISO 2
ISO 3
ISO 4
- Spark resistant forks on request.
- Surcharge for QD hooks on request.
- Coatings see page 16.

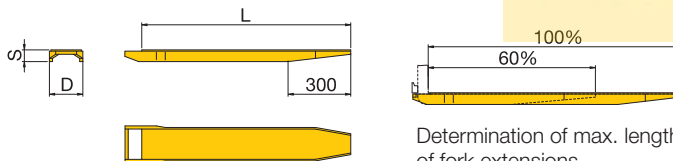
Folding Forks



Model	Load capacity/ pair	LC (LSP)	ISO	L	Cross section D x S/S1		Weight per pair	Additional weight per pair per 100 mm add. length	Price per pair	Surcharge per pair per 100 mm add. length
	kg	mm			mm	mm				
S 1 - KGZ 15	1500	500	2	1000	120	40/60	140	7,5	on request	
S 1 - KGZ 25	2500	500	2	1000	140	50/70	190	11,0	on request	
S 1 - KGZ 35	3500	500	3	1000	150	60/80	250	14,1	on request	

- Hydraulic folding forks available on request.
- Folding forks with higher load capacity available on request.

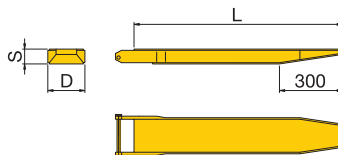
Fork Extensions



Open-base extensions

Model	Load capacity of lift truck	L	Max. fork cross section	D	S	Weight per pair at L = 1000 mm	Additional weight per pair per 100 mm add. length	Price per pair	Surcharge per pair per 100 mm length of ext.
	kg	mm	mm	mm	mm	kg	kg		
S 1 - GVU 15	1500	1000	120 x 40	146	46	26	2,6	on request	
S 1 - GVU 25	2500	1000	125 x 45	155	51	30	3,0	on request	
S 1 - GVU 30	3000	1000	140 x 50	170	56	34	3,4	on request	
S 1 - GVU 40	4000	1000	150 x 50	184	56	38	3,8	on request	
S 1 - GVU 50	5000	1000	150 x 65	190	71	52	5,2	on request	

- The fork length must be at least 60% of the length of the fork extension, the LC must be within the length of the forks.

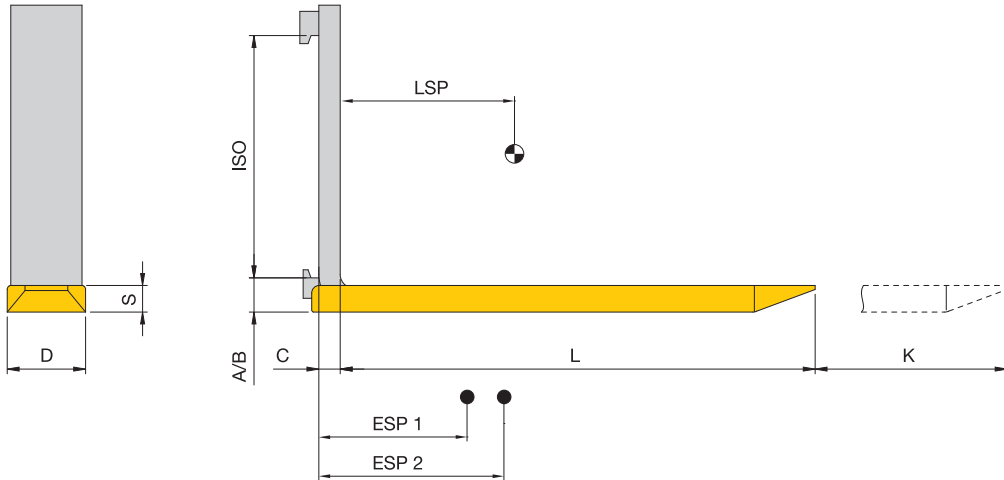


Closed-Base Extensions

Model	Load capacity of lift truck	L	Max. fork cross section	D	S	Weight per pair at L = 1000 mm	Additional weight per pair per 100 mm add. length	Price per pair	Surcharge per pair per 100 mm length of ext.
	kg	mm	mm	mm	mm	kg	kg		
S 1 - GVK 15	1500	1000	120 x 40	146	62	40	4,0	on request	
S 1 - GVK 25	2500	1000	125 x 45	155	67	48	4,8	on request	
S 1 - GVK 30	3000	1000	140 x 50	170	72	52	5,2	on request	
S 1 - GVK 40	4000	1000	150 x 50	184	72	58	5,8	on request	
S 1 - GVK 50	5000	1000	150 x 65	190	87	76	7,6	on request	
S 1 - GVK 60	6000	1000	150 x 70	190	96	86	8,6	on request	
S 1 - GVK 80	8000	1000	200 x 70	255	96	114	11,4	on request	
S 1 - GVK 100	10000	1000	200 x 80	265	106	138	13,8	on request	
S 1 - GVK 120	12000	1000	250 x 80	315	106	150	15,0	on request	

- The fork length must be at least 60% of the length of the fork extension. If the fork length is shorter, a special construction can be offered subject to an examination of the load conditions.
- Please indicate fork cross section and length when ordering.
- Higher load capacities and lengths available on request.
- Surcharge for polyurethane coating: on request

Manually Adjustable Fork Extensions



Model	Load capacity/ pair	LC (LSP)	ISO	Cross section* D x S		L	K	C	CoG 1 (ESP 1)	CoG 2 (ESP 2)	Weight per pair	Price per pair	
				mm	mm								
S 1 - MVG 16 800/400	800/400	1600	500	2	115	50	800	400	35	255	340	95	on request
S 1 - MVG 16 1000/600	1000/600	1600	500	2	115	50	1000	600	35	340	485	110	on request
S 1 - MVG 16 1200/600	1200/600	1600	500	2	115	50	1200	600	35	435	585	130	on request
S 1 - MVG 16 1200/800	1200/800	1600	500	2	115	50	1200	800	35	435	635	130	on request
S 1 - MVG 25 800/400	800/400	2500	500	2	135	55	800	400	40	250	330	130	on request
S 1 - MVG 25 1000/600	1000/600	2500	500	2	135	55	1000	600	40	340	465	150	on request
S 1 - MVG 25 1200/600	1200/600	2500	500	2	135	55	1200	600	40	430	565	170	on request
S 1 - MVG 25 1200/800	1200/800	2500	500	2	135	55	1200	800	40	430	610	170	on request
S 1 - MVG 25 1400/1000	1400/1000	2500	500	2	135	55	1400	1000	40	525	755	190	on request
S 1 - MVG 35 800/400	800/400	3500	500	3	140	60	800	400	45	230	295	160	on request
S 1 - MVG 35 1000/600	1000/600	3500	500	3	140	60	1000	600	45	310	420	185	on request
S 1 - MVG 35 1200/600	1200/600	3500	500	3	140	60	1200	600	45	400	515	210	on request
S 1 - MVG 35 1200/800	1200/800	3500	500	3	140	60	1200	800	45	400	555	210	on request
S 1 - MVG 35 1400/1000	1400/1000	3500	500	3	140	60	1400	1000	45	490	690	235	on request
S 1 - MVG 45 1000/600	1000/600	5000	500	3	165	65	1000	600	50	330	435	230	on request
S 1 - MVG 45 1200/600	1200/600	5000	500	3	165	65	1200	600	50	420	530	260	on request
S 1 - MVG 45 1200/800	1200/800	5000	500	3	165	65	1200	800	50	420	565	260	on request
S 1 - MVG 45 1400/1000	1400/1000	5000	500	3	165	65	1400	1000	50	510	705	290	on request

- Surcharge for additional locking positions

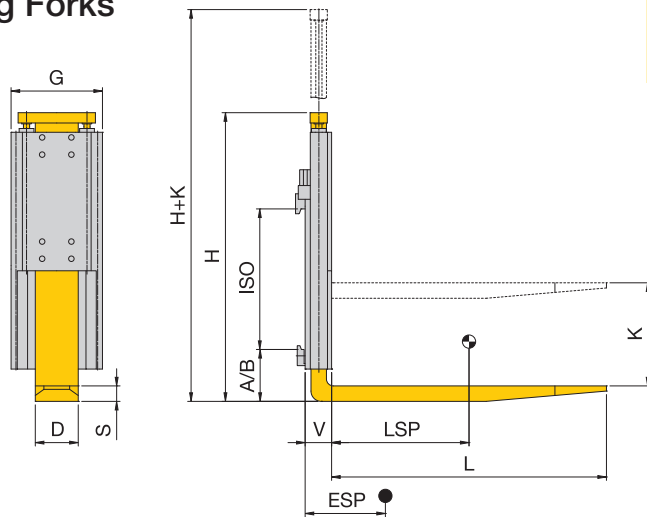
* Fork shoe reinforced in the rear area (10 mm wider/5 mm thicker)

- Higher load capacities and lengths available on request.

- For hydraulically adjustable fork extensions see page 38.

Hydraulic Lifting Forks

1 hydraulic function



Model	Load capacity/ pair	LC (LSP)	ISO	L	Cross section D x S			K	H	G	V	CoG (ESP)	Weight per pair	Price per pair	Surcharge per pair per 100 mm add. length
	kg	mm			mm	mm	mm								
S 1 - HGZ 15 200	1500	500	2	1000	100	45	200	820	240	75	150	220	on request		
S 1 - HGZ 15 300	1500	500	2	1000	100	45	300	840	240	75	145	225	on request		
S 1 - HGZ 15 500	1500	500	2	1000	100	45	500	1090	240	75	135	260	on request		
S 1 - HGZ 25 200	2500	500	2	1000	125	45	200	820	265	75	165	250	on request		
S 1 - HGZ 25 300	2500	500	2	1000	125	45	300	840	265	75	160	255	on request		
S 1 - HGZ 25 500	2500	500	2	1000	125	45	500	1090	265	75	140	295	on request		

- Also available with a fixed fork distance.
- Different lifting heights and load capacities available on request.
- Model with one adjustable and one fixed fork (for leveling) is available on request.