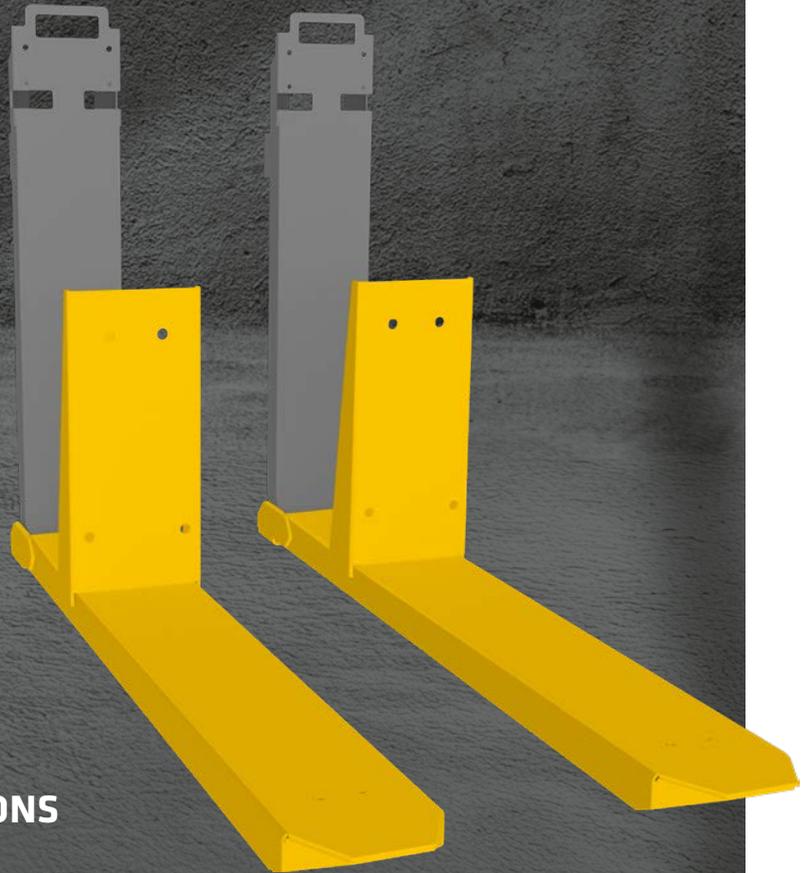
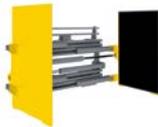


Hydraulic Telescopic Forks S 5 TGH



STANDARD AND SPECIAL SOLUTIONS
FOR FORKLIFT ATTACHMENTS



[stabau.com](https://www.stabau.com)

stabau 
we create new levels



High quality standards – Made in Germany

Telescopic forks are widely used in logistics and warehousing for one-sided loading and unloading of HGVs or storage in double racks. The forks can also serve as extension forks for adjusting load depth.

The telescopic forks are equipped with forced synchronisation in one-cylinder and two-cylinder versions. In contrast to load extenders, telescopic forks offer better residual load capacity values and improved visibility.

The load extender is used where telescopic forks cannot be used due to low clearance heights or where additional attachments need telescoping.

stabau is the first German manufacturer of telescopic forks, reinforcing its positioning as a forward-thinking and innovative pioneer.

TGH hydraulic telescopic fork overview

Protective plate with optimal accessibility of hydraulic fittings

Fully tempered base fork with triple safety

Reinforced fork heel with consistent material thickness

Two integrated cylinders in each telescopic fork ensure high retraction forces

Deep-bored cylinders

Base made from 6 mm thick wear-resistant steel

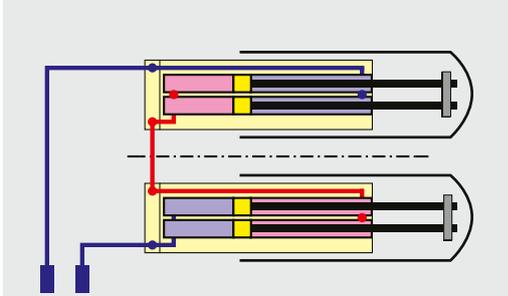


Cylinder end easily removable with a standard ring spanner

High-quality double sealing

Replaceable wear part in the front shoe

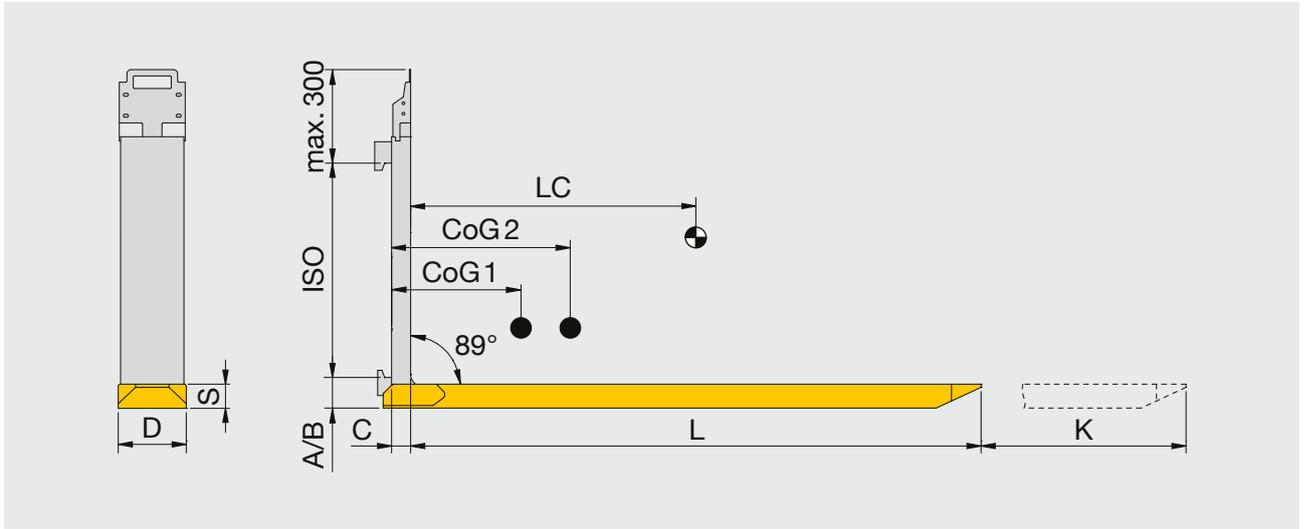
Reinforced tip



Fully integrated forced synchronisation up to TGH 60

HYDRAULIC TELESCOPIC FORKS

(FOR RETRACTING AND EXTENDING WITH LOAD)



Integrated synchronisation up to and including TGH 60

Series	Load capacity kg / pair at load centre ... mm			For forklifts up to load centre mm	ISO mounting	Cross-section * D x S mm	Fork thickness C mm	Base length L mm	Stroke K mm	Centre of gravity CoG 1 / CoG 2 mm		Weight per pair kg
	600	1450	1750							mm	mm	
1-cylinder version												
S 5-TGHS 20 1200 / 850	2000	960	800	2.0 / 600	2	133 x 58	45	1200	850	420 / 625	160	
S 5-TGHS 20 1350 / 1000								1350	1000	490 / 735	175	
S 5-TGHS 25 1200 / 850	2500	1450	1200	2.5 / 600	2	133 x 63	50	1200	850	425 / 610	175	
S 5-TGHS 25 1350 / 1000								1350	1000	495 / 720	195	
S 5-TGHS 30 1200 / 850	3000	1450	1200	3.0 / 500	3	133 x 63	50	1200	850	405 / 585	185	
S 5-TGHS 30 1350 / 1000								1350	1000	475 / 690	200	
2-cylinder version												
S 5-TGH 25 1200 / 850	2500	1450	1200	2.5 / 600	2	163 x 58	45	1200	850	415 / 625	195	
S 5-TGH 25 1350 / 1000								1350	1000	485 / 740	210	
S 5-TGH 30 1200 / 850	3000	1450	1200	3.0 / 500	3	163 x 58	45	1200	850	400 / 600	205	
S 5-TGH 30 1350 / 1000								1350	1000	465 / 710	220	
S 5-TGH 40 1200 / 850	4000	1850	1550	3.5 / 600 4.0 / 500	3	163 x 58	45	1200	850	400 / 600	205	
S 5-TGH 40 1350 / 1000								1350	1000	465 / 710	220	
S 5-TGH 48 1200 / 850	5000	2310	1920	5.0 / 600	3	165 x 64	50	1200	850	405 / 605	230	
S 5-TGH 48 1350 / 1000								1350	1000	475 / 715	250	
S 5-TGH 50 1200 / 850	5000	2310	1920	5.0 / 600	4	165 x 64	50	1200	850	370 / 550	255	
S 5-TGH 50 1350 / 1000								1350	1000	430 / 655	275	
S 5-TGH 60 1200 / 850	6000	3100	2560	6.0 / 600	4	217 x 67	50	1200	850	380 / 570	350	
S 5-TGH 60 1350 / 1000								1350	1000	445 / 680	380	
S 5-TGH 80 1200 / 850	8000	4300	3600	8.0 / 600	4	217 x 77	60	1200	850	380 / 550	415	
S 5-TGH 80 1350 / 1000								1350	1000	445 / 650	450	

REFERENCE VALUES FOR THE RESIDUAL LOAD CAPACITY OF FORKLIFT TRUCKS **

Telescopic forks	S 5-	TGHS 20		TGH 25 TGHS 25	TGH 30 TGHS 30	TGH 40		TGH 48		TGH 48 TGH 50	TGH 60	TGH 80
Load capacity of truck	kg / mm	1800 / 500	2000 / 500	2500 / 500	3000 / 500	3500 / 500	4000 / 500	4500 / 500	5000 / 500	5000 / 600	6000 / 600	8000 / 600
X *	mm	400	450	450	450	500	500	500	500	560	560	650
Load centre = 600 mm	kg	1570	1720	2170	2620	3130	3550	4000	4540	4940	5950	7900
Load centre = 750 mm	kg	1360	1510	1900	2300	2760	3120	3520	3950	4370	5260	7050
Load centre = 1200 mm	kg	940	1050	1330	1620	1980	2250	2530	2800 ¹	2800 ¹	3830	5250 ¹
Load centre = 1450 mm	kg	810	910	1160	1410	1720	1850 ¹	2210	2310 ¹	2310 ¹	3200 ¹	4300 ¹
Load centre = 1750 mm	kg	700	790	1000	1200	1500	1550 ¹	1910	1920 ¹	1920 ¹	2650 ¹	3600 ¹

* Assumed dimension

** The load capacity is applicable for lift heights up to 3300 mm; for guidelines beyond these heights, please enquire.

¹ Forklift load capacity may be higher



Long-lasting and easy to maintain



STABAU TELESCOPIC FORKS

stabau telescopic forks are manufactured in Germany to high quality standards. The inner forks are fully tempered during hot forming and therefore have a uniform material structure throughout the entire fork body. All base forks feature reinforced bends with consistent material thickness, designed with triple safety. Depending on the model, either one or two cylinders with an integrated synchronisation system are installed in the supporting arm of the inner fork. The hydraulic synchronisation system (up to and including TGH 60) ensures the outer shoes of the fork pair move in sync without an additional valve.

The cylinders are produced using a rolling process, resulting in a high-strength cylinder running surface. Equipped with a premium double seal, the cylinders safeguard the hydraulic system from dirt infiltration. At the end of each cylinder is the cylinder cap. The design for the TGH series has been revised, making cylinder replacement straightforward.

Cylinders can be quickly and easily dismantled with a standard ring spanner, requiring no special tools. Thanks to their sturdy construction, the tips of the telescopic forks are reinforced. The base of the outer shoes is made of 6 mm thick, wear-resistant manganese steel, ensuring a longer lifespan. There is also a replaceable wear piece in the area of the fork tip, at the transition of the bevel. This component is screwed on and easily replaceable. It also provides additional protection against wear on the shoe's underside.

DID YOU KNOW:

All stabau telescopic forks are manufactured in Germany in modern facilities, adhering to continuous process and quality monitoring as per DIN EN ISO 9001:2015, and comply with the applicable standards and guidelines.

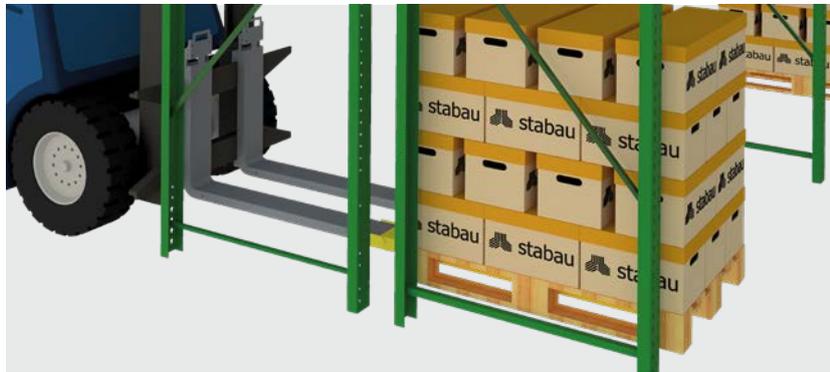
APPLICATIONS OF TELESCOPIC FORKS

Telescopic forks are utilised in various sectors of logistics and warehouse technology to facilitate one-sided loading and unloading of HGVs or storage in double racks. Using telescopic forks during the loading and unloading process minimises space requirements and speeds up the movement of goods.

Employing double racks alongside telescopic forks allows for more economical use of storage capacity.

The telescopic forks can be mounted on a fork carriage or sideshift, as well as on a fork positioner with ISO fork carriage plates. When paired with a fork positioner, it is advisable to use the version with bolted telescopic forks.

DOUBLE-DEEP STORAGE RETRACTED



DOUBLE-DEEP STORAGE EXTENDED

HGV LOADER RETRACTED



HGV LOADER EXTENDED

Telescopic forks can also be used as extension forks to accommodate various load depths. This replaces the traditional manual fork extensions, enabling quick adjustments to fork length. This is particularly useful when handling Euro pallets in both lengthwise and crosswise positions.



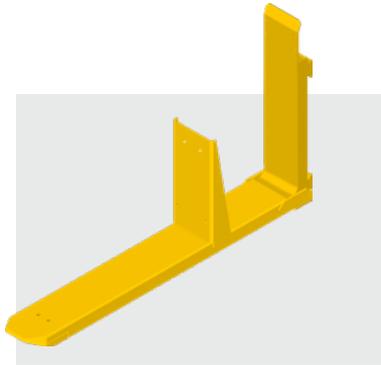
PICKING UP 2 PALLETS

ACCESSORIES



Pallet stop type A1 (90 mm high):

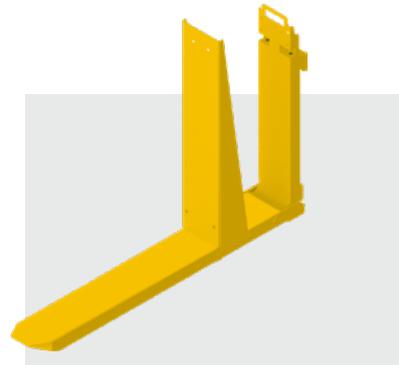
Moves alongside the back of the forks when they are retracted.



Pallet stop type A2 (400 mm high):

Used to limit the fork length to the desired usable length.

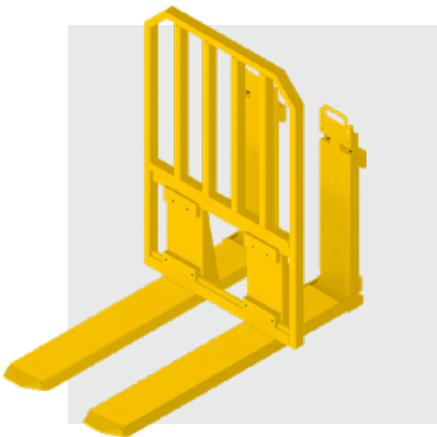
Minimum distance from the fork back is 75 mm.



Pallet stop type A3 (850 mm high):

Used to limit the fork length to the desired usable length. High A3 stop supports the load.

Minimum distance from the fork back is 125 mm.



Load backrest type LG:

Mounted on pallet stop A2 (included in delivery) and moves forward with the outer forks. The forks are adjustable in width.

Minimum distance from the fork back is 100 mm.

Width: 750 mm
Height: 1200 mm



Explosion-protection version:

When companies handle, produce, store or transport flammable materials (e. g. in the chemical, petrochemical or food industries), attachments must comply with regulations for use in potentially explosive atmospheres. Telescopic forks can be customised for these applications.



Camera systems:

Camera systems can enhance safety and ensure damage-free handling. The camera position and viewing angle, along with signal transmission, need to be defined based on application requirements.

COMBINATIONS WITH OTHER ATTACHMENTS

Telescopic forks are commonly combined with other attachments.

Standard features include hydraulic fork positioners and double pallet handler, coupled with the advantages of telescopic forks.

The ZV shaft-guided fork positioner is the first choice for demanding applications in challenging working environments. The ZVP profile-guided fork positioner is ideal for light to medium duties in logistics. A large space is opened up with the ZVKG model and is mainly used to pick up wide goods.

For all fork positioners, when selecting the basic length and stroke of the telescopic fork, it is possible to use the effective thickness of the device in order to be able to reach the goods easily when loading and unloading from one side. When combined with fork positioners, all telescopic forks are securely bolted, and are therefore connected to the guide elements without play.





We prioritise innovation and are pioneers by nature



WE SET NEW STANDARDS

Through pioneering spirit, experience and innovative strength, we continually bring functionality and quality to a new level. We create both standard and bespoke solutions for forklift attachments – from simple to complex and go beyond the limits of what is currently feasible.

Our products are developed, designed and manufactured exclusively in Germany – with an exceptional level of vertical integration and variety. First-class quality, comprehensive service and product longevity are vital to us.

Our attachments continually set the bar in efficient material handling. Our ambition is to not only meet our customers' expectations but to exceed them.

WE TAKE PRIDE IN THE DURABILITY OF OUR PRODUCTS AND PARTNERSHIPS

Thanks to our many years of expertise and the trust that our customers place in us, we guarantee the quality and reliability of our products. These enduring relationships make us proud and form the foundation of our shared success.

STABAU IMPRESSES CUSTOMERS WORLDWIDE WITH ITS 'MADE IN GERMANY' QUALITY PROMISE

All processes are subject to continuous process and quality monitoring in accordance with DIN EN ISO 9001:2015 and the welding quality requirements of DIN EN ISO 3834-2. Standard attachments are regularly redesigned, and new series are developed as part of ongoing product improvement.

stabau holds DIN EN ISO 14001:2015 certification, meeting globally recognised requirements for an effective environmental management system.

Due to the engineers' extensive experience, stabau has become the go-to name for special designs in the forklift truck industry.

In various industrial sectors, including the wood, beverage and metal industries, stabau attachments are often considered essential equipment.

SERVICE BEFORE, DURING AND AFTER DEPLOYMENT

For us, service begins long before the delivery of the devices. Solution-focused advice and skilled service is offered from the very first meeting, whether it involves standard attachments or complex bespoke solutions. This high standard continues in the support we provide to our customers after the devices have been delivered.

Our experienced stabau team members also provide expertise and prompt assistance when managing your transportation tasks.

OUR COMMITMENT

- Comprehensive customer advice and solution development provided by skilled employees
- Conscientious, flexible handling of individual customer requests
- Quality and reliability provided by the entire stabau team
- Transparent and straightforward presentation of our services and prices



MEMBER OF THE HUBTEX GROUP

As part of the HUBTEX Group, we are part of a strong network with extensive expertise and specialist knowledge, which supplies customers all over the world with outstanding products and customised solutions.

With a clear international vision, we aim to grow healthily and sustainably, always thinking and acting in a future-oriented and forward-looking manner.





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