

Telescopic Pallet Fork hydraulic / mechanical centre of gravity adjustment & adjustable tines with spindle

KM 401HT/KM 401T

The telescopic pallet fork KM 401T with spring loaded centre of gravity is based on the regular KM 401, but additionally features the possibility to extend to a height of up to 2500 mm. The same goes for the hydraulic version KM 401HT with hydraulically compensating centre of gravity, providing a more comfortable use.

- **Efficient handling** of overheight loads such as insulating material – thanks to the adjustable height of up to 2500 mm and the hydraulic shifting (KM 401HT) or the easy adjustment with a stainless steel-plastic-sliding guide in the upper component (KM 401T) respectively.
- **KM 401HT: Precise positioning** of the loads is no problem in combination with the **KINSHOFER** rotator – continuous rotation, precise start and braking ability.
- **Versatile height** from 1200 mm to 2500 mm adjustable in steps with a lock pin.
- **Versatile width** of tines from 475 mm to max. 850 mm adjustable with a smooth running, stainless spindle.
- **Easy to use** due to the dimensions of the pallet fork. Since no part of the pallet fork is wider than a standard pallet, a second row can be loaded. As no part of the pallet fork is wider than the tines, loads close to walls can be handled without problems.



Telescopic Pallet Fork KM401HT							
Type	Load capacity (kg)	Throat height N (mm)	Tine length (mm)	Tine spread (mm)	Tine dimensions (width x height) (mm)	Centre of gravity (mm)	Self weight ¹⁾ (kg)
KM 401HT-1500-500	1500	1200 – 2500	980	475 – 815	80 x 35	500	165
KM 401HT-2000-500	2000	1200 – 2500	980	495 – 835	100 x 35	500	190
KM 401HT-2500-500	2500	1200 – 2500	980	490 – 830	90 x 40	500	250
KM 401HT-1500-600	1500	1200 – 2500	1150	495 – 835	100 x 35	600	195
KM 401HT-2000-600	2000	1200 – 2500	1150	500 – 840	90 x 40	600	250
KM 401HT-2500-600	2500	1200 – 2500	1150	510 – 850	100 x 45	600	270

Package consists of: telescopic pallet fork, protection chain KM 460 01

¹⁾ weight without rotator and protection chain

Telescopic Pallet Fork KM401T							
Type	Load capacity (kg)	Throat height A (mm)	Tine length (mm)	Tine spread Z (mm)	Tine dimensions (width x height) (mm)	Centre of gravity (mm)	Self weight ¹⁾ (kg)
KM 401T-1500-500	1500	1200 – 2500	980	475 – 815	80 x 35	500	145
KM 401T-2000-500	2000	1200 – 2500	980	495 – 835	100 x 35	500	165
KM 401T-2500-500	2500	1200 – 2500	980	490 – 830	90 x 40	500	230
KM 401T-3000-500	3000	1200 – 2500	980	510 – 850	100 x 45	500	245
KM 401T-1500-600	1500	1200 – 2500	1150	495 – 835	100 x 35	600	180
KM 401T-2000-600	2000	1200 – 2500	1150	500 – 840	90 x 40	600	225
KM 401T-2500-600	2500	1200 – 2500	1150	510 – 850	100 x 45	600	250

Package consists of: telescopic pallet fork, protection chain KM 460 01, 2 chain elements for suspension

¹⁾ weight without protection chain

- Please note:**
- protection trellis or net is mandatory for loose material (EN 13155)
 - KM 401T: automatic compensation of centre of gravity functions with a min. pack weight of approx. 250 to 500 kg

Requirements of Truck Crane (KM 401HT)



Operating pressure: max. 20 MPa (200 bar)
Pump capacity: 20 - 40 l/min

Accessories

Type	Description
KM 04 F	recommended KINSHOFER rotator for KM 401HT
KM 04 S	KINSHOFER shaft rotator – up to 4500 kg load capacity
KM 505	quick change system for shaft-type rotators
KM 502 4500	reduction link between rotator and grapple
KM 460 03 KM 04 S	rigid suspension link with pin for rotator KM 04 S

Technical Drawings

