

The telescopic pallet fork KM 401 HT with hydraulically compensating centre of gravity is based on the regular KM 401 H, but additionally features the possibility to extend to a height of up to 2500 mm and provides a more comfortable use than the mechanical version.

- ▷ **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).
- ▷ **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. 835 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 KM401 HT

Type	Load capacity (kg)	Throat height N (mm)	Tine length (mm)	Tine spread (min./max.) (mm)	Tine dimensions (width x height) (mm)	Centre of gravity (mm)	Self weight ¹⁾ (kg)
KM 401 HT-1500-500	1500	1200 – 2500	980	475 – 815	80 x 35	500	165
KM 401 HT-2000-500	2000	1200 – 2500	980	495 – 835	100 x 35	500	190
KM 401 HT-2500-500	2500	1200 – 2500	980	475 – 815	90 x 40	500	250
KM 401 HT-1500-600	1500	1200 – 2500	1150	495 – 835	100 x 35	600	195
KM 401 HT-2000-600	2000	1200 – 2500	1150	475 – 815	90 x 40	600	250
KM 401 HT-2500-600	2500	1200 – 2500	1150	485 – 825	100 x 45	600	270

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

¹⁾ weight without rotator and protection chain

Please note: protection trellis or net is mandatory for loose material (EN 13155)

Accessories

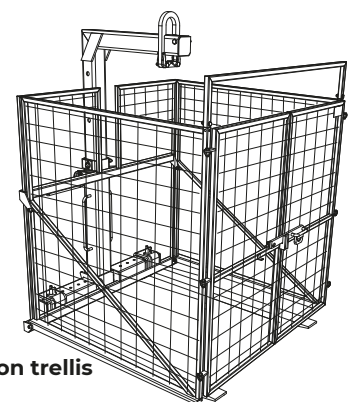
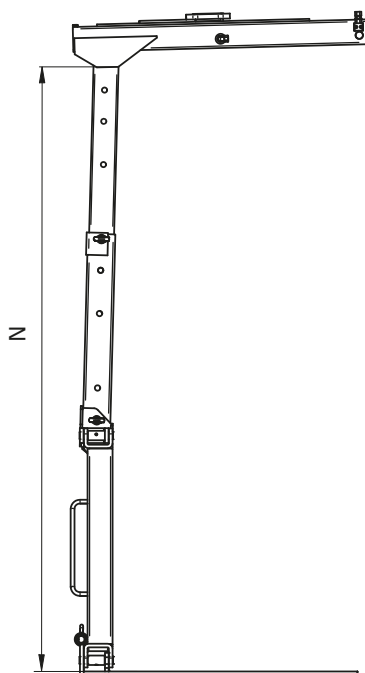
Type	Description
KM 04 F	recommended KINSHOFER rotator for KM 401 HT
KM 04 S	KINSHOFER shaft rotator – up to 4500 kg load capacity
KM 505	quick change system for shaft-type rotators
KM 502 (4500)	reduction link between rotator and grapple
KM 460 03 (KM 04 S)	rigid suspension link with pin for rotator KM 04 S
KM 460 (1100x1100)	protection trellis for loads up to 2000 kg – dimensions: 1100x1100x1500mm
KM 460 (1300x1300)	protection trellis for loads up to 2000 kg – dimensions: 1300x1300x1500mm

Requirements of truck crane

Operating pressure at oil flow:

max. 20 MPa (200 bar) at 20 - max. 40 l/min **⚠ Mind the pressure!**

Technical drawings



KM 460 protection trellis

The protection trellis is used to secure loose loads handled with pallet forks KM 415 and KM414 – e.g. brick packages, loose construction materials. When handling loose material, a protection trellis or net to secure the load, is obligatory (EN 13155). The maximum capacity is 2000 kg. The protection trellis can be mounted within a few minutes and is thus suitable for each construction site without any problems.