KM 401H/KM 401

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

Pallet Fork



The efficient pallet fork KM 401 with a spring loaded centre of gravity can easily be adapted to different loads with adjustable plunge depth and adjustable tine spread. The same goes for the hydraulic version KM 401H with hydraulically compensating centre of gravity, providing a more comfortable use.

- **Efficient handling** of many different kinds of loads like stone or brickstack, protection trellis or other general cargo is possible due to the hydraulic shifting of the KM 401H respectively the easy adjustment with a stainless steel-plastic-sliding guide in the upper component (KM 401).
- **KM 401H: Precise positioning** of the loads is no problem in combination with the **KINSHOFER** rotator – continuous rotation, precise start and braking ability.
- **Versatile height** from 1050 mm to 1650 mm adjustable in three 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.

Package Pallet Fork KM 401H-1500 c

Type	Load capacity (kg)	Throat height N (mm)	Tine length L (mm)	Tine spread Z (mm)	Tine dimensions (width x height) (mm)	Centre of gravity (mm)	Self weight [1] (kg)
KM 401H-1500 c	1500	1050 – 1650	980	475 – 815	80 x 35	500	200

Package consists of: pallet fork, rotator KM 04 F, short connecting hoses KM 203 01(rotator to fork), upper suspension KM 501, protection chain KM 460 01

Pallet Fork KM 401H

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 401H-1500-500	1500	1050 – 1650	980	475 – 815	80 x 35	500	150
KM 401H-2000-500	2000	1050 – 1650	980	495 – 835	100 x 35	500	175
KM 401H-2500-500	2500	1050 – 1650	980	490 – 830	90 x 40	500	230
KM 401H-1500-600	1500	1050 – 1650	1150	495 – 835	100 x 35	600	180
KM 401H-2000-600	2000	1050 – 1650	1150	500 – 840	90 x 40	600	230
KM 401H-2500-600	2500	1050 – 1650	1150	510 – 850	100 x 45	600	250

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

[1] weight without rotator and protection chain

Pallet Fork KM 401

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 401-1500-500	1500	1050 – 1650	980	475 – 815	80 x 35	500	130
KM 401-2000-500	2000	1050 – 1650	980	495 – 835	100 x 35	500	150
KM 401-2500-500	2500	1050 – 1650	980	490 – 830	90 x 40	500	210
KM 401-3000-500	3000	1050 – 1650	980	510 – 850	100 x 45	500	225
KM 401-1500-600	1500	1050 – 1650	1150	495 – 835	100 x 35	600	165
KM 401-2000-600	2000	1050 – 1650	1150	500 – 840	90 x 40	600	205
KM 401-2500-600	2500	1050 – 1650	1150	510 – 850	100 x 45	600	230

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

[1] weight without protection chain

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

- KM 401: spring loaded centre of gravity functions with a min. pack weight of approx. 250 to 500 kg

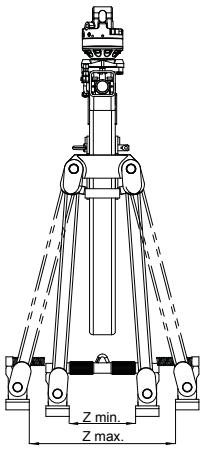
Accessories

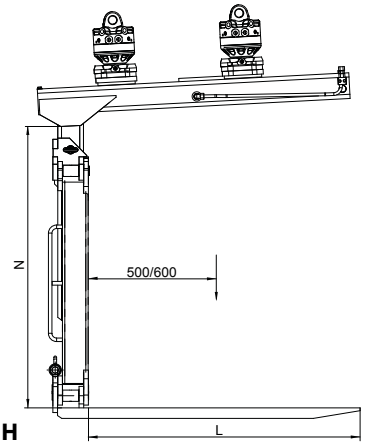
Type	Description
KM 04 F	recommended **KINSHOFER** rotator for KM 401H
KM 04 S	**KINSHOFER** shaft rotator – up to 4500 kg load capacity
KM 505	quick change system for shaft-type rotators
KM 502 4500	reduction link between rotator and grapple
KM 460 03 KM 04 S	rigid suspension link with pin for rotator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

Requirements of Truck Crane (KM 401H)

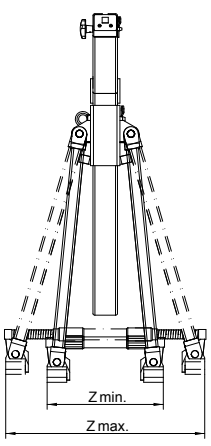
Operating pressure: max. 20 MPa (200 bar)
Pump capacity: 20 - 40 l/min

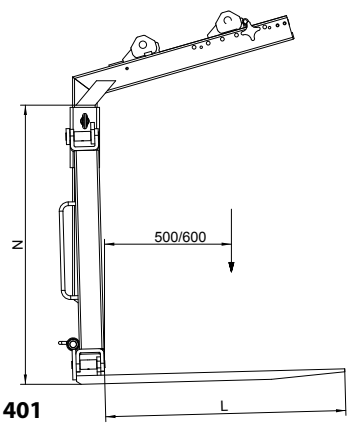
Technical Drawings





KM 401H





KM 401