

KM 416 Pallet Fork with Manual Shifting & Adjustable Height & Tines

A sturdy pallet fork with mechanical center of gravity compensation, the KM 416 can be used on loader cranes for loads up to 6000 lbs.

- For **handling palletised and un palletised loads** of building material or stacked loads of concrete blocks, the KM 416 has a **manually shifting collar** that allows the crane operator to center the pickup trolley over the centre of the load.
- The **optional adjustable throat** (KM 416 ADJ), available for irregular loads, adjusts from 48 in to 68 in by using a lock pin.
- The tines **can be spread up to 40 in** and have **lock pins** to secure their positions.
- **Easy tine adjustment** allows for optimum load distribution.



Pallet Fork KM 416								
Type	Load capacity (lbs)	Throat height A (in)	Tine length (in)	Tine spread Z (in)	Tine dimensions (width x height) (in)	Number of tines	Centre of gravity (in)	Self weight (lbs)
KM 416 - style A	6000	48 - 68	46	40	4 x 1.5	2	24	490
KM 416 - style B	6000	48 - 68	47	40	2 x 1.5	6	24	530
KM 416 - style C	6000	48 - 68	46	40	4 x 1.5	2	24	515
KM 416 - style D	4500	48 - 68	46	40	4 x 1.25	2	24	475

Please note:

- additional tine spreads, throats, load capacities on request
- different styles of tines see p.19 „Different Styles of Manually Adjustable Tines“
- for safer handling of loads in higher elevation a protection trellis or protection chain should be used

Tine Styles								
Type	Description			Number of tines	Tine width (in)	Tine height (in)	Tine length (in)	Load capacity (lbs)
A	Standard			2	4	1.50	46	6000
B	Block	6 tines instead of 2 tines		6	2	1.50	47	6000
C	Offset	bracket is welded to the tine back in an offset of 6 in to the lower end of the tine		2	4	1.50	46	6000
D	Roofers	thinner tines with lower load capacity		2	4	1.25	46	4500

Accessories	
Type	Description
KM 460 1100	protection trellis for loads up to 4400 lbs (43 x 43 in, height 59 in)
KM 460 1300	protection trellis for loads up to 4400 lbs (51 x 51 in, height 59 in)
KM 460 01	protection chain for loads up to 4400 lbs for securing loads like shrink wrapped stone stacks to be lifted high above ground
KM 460 02	backstop for supporting unbalanced loads
KM 04 S	shaft rotator for controlling the rotation and placement of load
KM 460 03	rigid suspension link with pin - for rotators up to 9900 lbs capacity
KM 460 04	non rotating hook - for rotators up to 9900 lbs capacity

Technical Drawings

