

The Mini Floor Crane (MFC) one of our new developments with 900 kg safe working load (SWL).

The MFC operates like a crane with long telescope. Around loads with an electric rope hoist on and from roofs to move to balconies or similar is certificated of the MFC on applications with dynamic charges to 750 kg.

The MFC / K is the long version with backward straightened outriggers who are equipped with two boxes incl. 14 counterweights in each case. Thus carries of the MFC static loads to 900 kg certainly at 2.90-m hook height. With full display of 1.40 m 410 kg of pay load remain.

The MFC / Ks is the short implementation without outriggers. This offers the advantage that only 0.65 x 1.20 m are enough in working position.

Also under cramped place relations the MFC brings a strong achievement: The MFC/Ks lifts 555 kg of static payload at 2.90-m hook height. With full display of 1.40 m there are still stately 190 kg.

Please notice: Approval for dynamic loads!
(DIN 15019-2, EN 13001-1, EN 13001-2)

The telescope is 8-fold adjustable in 14 cm of steps, from 0.26 m to 1.40 m of maximum display (before wheel).

The high reach is an advantage particularly, when obstacles prevent a direct access.

Raising of loads occurs with few heaves about a strong heave cylinder. Lowering can be point-exactly steered about a big handwheel.

For works in the undeveloped outskirt area equips itself of the MFC with additional lateral outrigger, so that charges, are optimally distributed, e.g. by wind effect.

By selective ground conditions the MFC can be reequipped with outdoor tyres. For this a special front axle was developed to receive the performance data.



MFC / Ks with cable winch



Outdoor wheels reduces the punctual load

Models / Equipment



MFC / K

- Mini Floor Crane with counterweights
- 2 boxes with 14 counterweights
- separate handle
- telescope 8-fold adjustably.
- 2 outriggers backwards
- telescope boom: 8-fold adjustable, in 14 cm of steps



MFC / Ks (Shorty)

- Mini Floor Crane with counterweights (Shorty)
- 2 boxes with 14 counterweights
- separate handle
- telescope boom: 8-fold adjustable, in 14 cm of steps



Extra equipment:

- front axle with outdoor tyres
- lateral outrigger

Accessories

- electric winch with remote control
- various sunction units

MFC Mini Floor Crane



MFC750/K with suction unit DSKE2-12V



Technical data

Technical data	MFC / K	MFC/Ks
Vertical lift:	2,90 m	2,90 m
Transport position -height	1,80 m	1,80 m
-length	1,20 m	1,20 m
-width	0,65 m*	0,65 m*
Working position -height	1,92 m	1,92 m
-length ¹	1,80 m	1,20 m
-width	0,65 m	0,65 m
load height min:	0,14 m	0,14 m
Telescopic extended:	1,40 m	1,40 m
Telescope boom length max.:	900 kg	555 kg
Payload statically max. (distance before wheel: 40 cm):	750 kg	463 kg
Payload dynamically max. (distance before wheel: 40 cm):	644 kg	618 kg
Own weight:	84 kg*	84 kg*

¹pure set surface without surplus.

²with optional lateral outriggers plus 30 kg

Payload	MFC / K	MFC / Ks
Telescopic-extension (step)	Distance crane hook front wheel	with 2 Boxes (28x 16 kg) with 2 Boxes (28x 16 kg)
1	260 mm	900 kg 745 kg
2	400 mm	900 kg 555 kg
3	540 mm	880 kg 455 kg
4	700 mm	740 kg 365 kg
5	840 mm	645 kg 310 kg
6	980 mm	565 kg 275 kg
7	1.120 mm	500 kg 240 kg
8	1.260 mm	455 kg 215 kg
9	1.400 mm	410 kg 160 kg