

MFC Mini Floor Crane

The Mini Floor Crane (MFC) is one of our new developments. The MFC is a manual crane with telescope. It lifts loads up to 900 kg to a maximum height of 2.90 m.

The MFC / K is the long version with backward straightened outriggers which 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 payload remains.

The MFC / Ks is the short version without outriggers. This has the advantage that it requires only 0.65 m x 1.20 m of floor space. Thus, the MFC / Ks performs well even in confined spaces: The MFC / Ks lifts 745 kg to 2.90 m hook height. With a full extended boom of 1.40 m, it is still an impressive 160 kg.

The MFC / K and MFC / Ks are also approved for dynamic loads according to 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 range is particularly advantageous when obstacles or a limited payload (e.g. of a balcony) prevents direct access. Loads are lifted with a few strokes using a powerful lifting cylinder.

The lowering can be precisely controlled via a handwheel and locks automatically when released.

For outdoor work, the MFC can be equipped with additional lateral outriggers to ensure high stability under wind load.

In order to achieve a very low ground pressure, the MFC can be converted to outdoor tyres in just a few simple steps.

This prevents sagging on loose ground and ensures optimum distribution of forces on the ground.



Models / Equipment



MFC / K:

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



MFC / Ks (Shorty):

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



Extra equipment:

- front axle with outdoor tyres
- lateral outrigger

Accessories

- electric winch with remote control
- various suction units

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Technical data

Technical data	MFC / K	MFC / Ks
Lifting heights:	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	1,98 m	1,98 m
-length	2,14 m	1,20 m
-width	0,65 m*	0,65 m*
Telescopic extended:	0,14 m	0,14 m
Telescope boom length max.:	1,40 m	1,40 m
Payload statically max. (distance before wheel: 40 cm):	900 kg	555 kg
Payload dynamically max. (distance before wheel: 40 cm):	750 kg	463 kg
Own weight:	644 kg	618 kg
Weight without attachment parts:	160 kg	160 kg

* max. 2,65 m with lateral outriggers

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