ELECTRIC PICK & CARRY CRANE

JMG MC45SB

4,500 kg · 0.93 m wide · fully electric

The MC45SB is the narrowest machine with real lifting power in the fleet. At 930 mm wide it gets through an ordinary doorway and into a goods lift, and still delivers 4.5 tonnes indoors. The boom head tilts to three positions: 0°, 40° and 80°.

LIFTING HEIGHT
7.4 m

RADIUS
4.73 m

READY TO DRIVE
5,400 kg



4,500 kg	7.4 m	4.73 m	0.93 m	5,400 kg
MAX. CAPACITY	MAX. LIFTING HEIGHT	MAX. RADIUS	WIDTH	OWN WEIGHT

TECHNICAL DATA

CAPACITY

Max. capacity	4,500 kg
Single rope	800 kg
Capacity at max. radius	700 kg @ 4.73 m
Max. lifting height	7.4 m
Working radius	0.70 – 4.73 m
Boom type	Hydraulic telescoping, sequential
Boom angle	+65° / -12°

DIMENSIONS AND WEIGHT

Ready to drive (l × w × h)	2,390 × 930 × 1,595 mm
Own weight	5,400 kg
Removable counterweight	1,140 kg
Without counterweight	4,260 kg
Turning radius	R 2,114 mm
Track width front / rear	700 / 778 mm

DRIVE

Battery	48 V / 560 Ah, armoured plate
Autonomy	8 working hours
Drive motors	2 × 5 kW AC 48 V
Pump motor	9 kW AC 48 V
Traction	Front-wheel drive with counter rotation
Tyres front / rear	Superelastic 22x9-16" / 8x6-12 1/8"
Steering	Rear, -90° / +90°

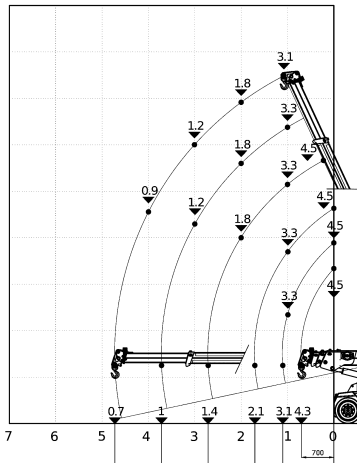
CONTROL AND SAFETY

Control	Radio remote on driving, steering and boom
Load limiting	Load indicator and tilting moment limiter (LMI)
Braking	Automatic braking system
Boom head	Tiltable, 0° / +40° / +80°
Standards	UNI ISO 4301-1: A1 · EN 13000:2014 · ANSI/ASME B30.5-2021
Directives	2006/42/EC · 2014/30/EU · 2000/14/EC

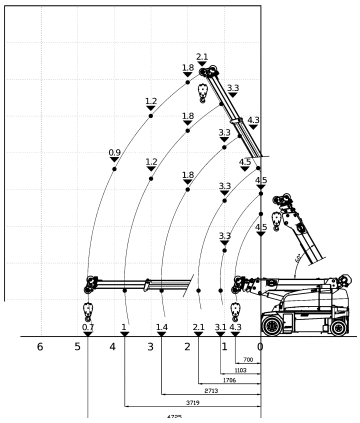
E-Lifting by Emma-projects bv
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REQUEST A QUOTE

LOAD CHARTS



ON THE HOOK



WITH HYDRAULIC WINCH

CAPACITY PER RADIUS

RADIUS (M)	HOOK AND WINCH (KG)
0.70	4,300
1.10	3,100
1.71	2,100
2.71	1,400
3.72	1,000
4.73	700

Values apply per radius, measured from the pivot point. The chart gives capacity at every boom position.

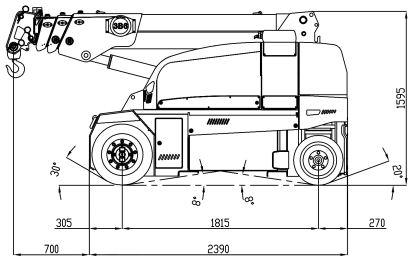
TRANSPORT

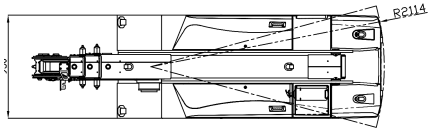
What you need to get the machine on site.

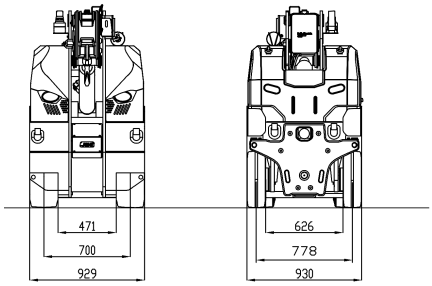
READY TO DRIVE	WITHOUT COUNTERWEIGHT	PASSAGE WIDTH	PASSAGE HEIGHT	OVERALL LENGTH
5,400 kg	4,260 kg	930 mm	1,595 mm	2,390 mm

The weight without counterweights applies to transport. Lifting capacity applies only with the counterweight fitted.

DIMENSIONS







STANDARD

- Radio remote on driving, steering and boom
- Front-wheel drive with counter rotation
- Removable counterweight 1.140 kg
- Sequential telescopic boom
- Tiltable boom head, 0° / +40° / +80°
- Load indicator and tilting moment limiter
- Automatic braking system
- Fixed hook

AVAILABLE AS OPTION

- Hydraulic winch
- Mechanical jib with mechanical extension
- Hydraulic jib
- Hydraulic forks
- Lithium battery

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