ELECTRIC PICK & CARRY CRANE

JMG MC100S

10,000 kg · 1.50 m wide · fully electric

The MC100S is the heaviest machine in the fleet. Ten tonnes on the hook, emission free and quiet, and at 1.50 m wide it reaches inside where a conventional crane stays outdoors. The front stabilising bar lifts capacity at radius considerably.

LIFTING HEIGHT
10 m

RADIUS
5.72 m

READY TO DRIVE
11,400 kg



10,000 kg	10 m	5.72 m	1.50 m	11,400 kg
MAX. CAPACITY	MAX. LIFTING HEIGHT	MAX. RADIUS	WIDTH	OWN WEIGHT

TECHNICAL DATA

CAPACITY

Max. capacity	10,000 kg @ 0.65 m
Capacity at max. radius	1,700 kg @ 5.72 m
Max. lifting height	10 m
Working radius	0.65 – 5.72 m
Boom type	Hydraulic telescoping, proportional
Boom angle	+65° / -10°

DIMENSIONS AND WEIGHT

Ready to drive (l × w × h)	3,800 × 1,500 × 1,949 mm
Overall length with boom	4,560 mm
Own weight	11,400 kg
Removable counterweights	4,100 kg
Without counterweights	7,300 kg
Turning radius	R 3,329 mm

DRIVE

Battery	80 V / 810 Ah
Autonomy	8 working hours
Drive motors	2 × 7,5 kW AC 80 V, insulation class H
Pump motor	20 kW AC 80 V
Traction	Front-wheel drive with counter rotation
Tyres front / rear	Superelastic 355-15" / 250-15"
Steering	Rear, -90° / +90°

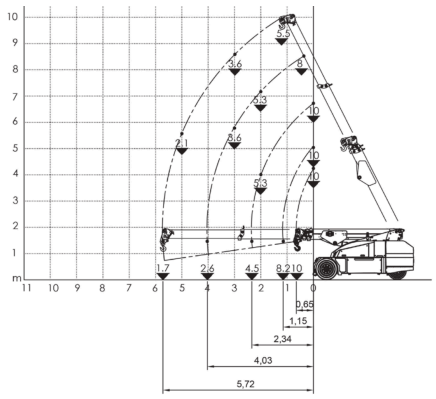
CONTROL AND SAFETY

Control	Radio remote on driving, steering and boom
Load limiting	Load indicator and tilting moment limiter (LMI)
Braking	Automatic on all wheels
Stabilising	Front stabilising bar
Standards	UNI ISO 4301-2: A1 · EN 13000:2014 · ANSI/ASME B30.5-2011
Directives	2006/42/EC · 2014/30/EU · 2014/35/EU · 2000/14/EC

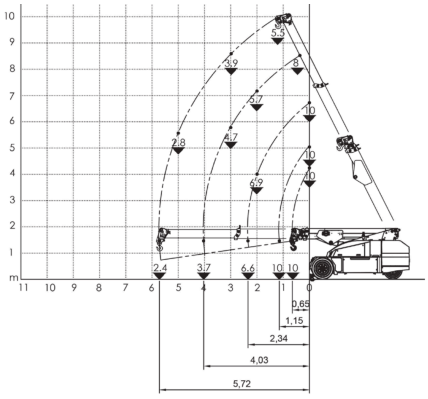
E-Lifting by Emma-projects bv
Vroonbaan 47, 1880 Nieuwenrode · 0475 26 96 35 · info@e-lifting.be · www.e-lifting.be

REQUEST A QUOTE

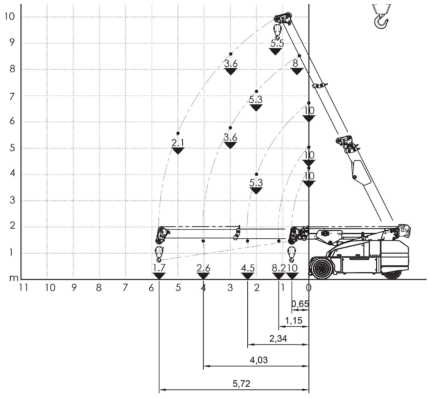
LOAD CHARTS



ON THE HOOK



ON THE STABILISING BAR



WITH HYDRAULIC WINCH

CAPACITY PER RADIUS

RADIUS (M)	HOOK (KG)	STABILISING BAR (KG)
0.65	10,000	10,000
1.15	8,200	10,000
2.34	4,500	6,600
4.03	2,600	3,700
5.72	1,700	2,400

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
11,400 kg

WITHOUT COUNTERWEIGHTS
7,300 kg

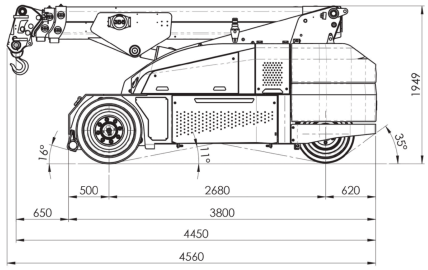
PASSAGE WIDTH
1,500 mm

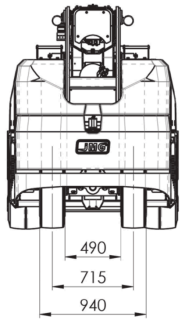
PASSAGE HEIGHT
1,949 mm

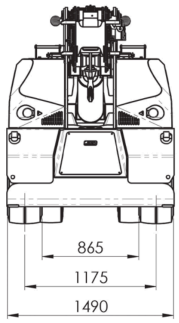
OVERALL LENGTH
4,560 mm

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 counterweights 4.100 kg
- Proportional telescopic boom
- Front stabilising bar
- Load indicator and tilting moment limiter
- Automatic braking on all wheels
- Fixed hook

AVAILABLE AS OPTION

- Hydraulic winch
- Hydraulic jib with hydraulic extension
- Bendable manual jib with extension
- Non-marking tyres
- Hydraulic forks
- Man basket
- ATEX conversion

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