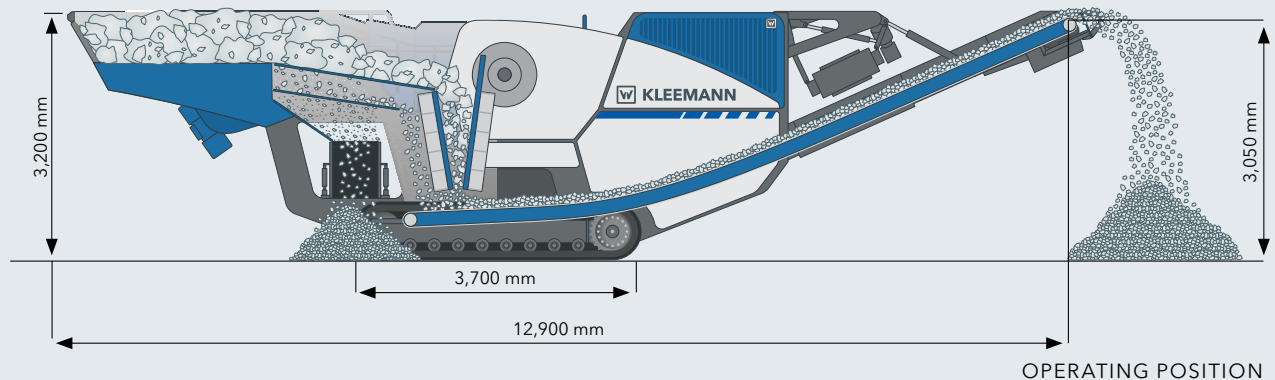


TECHNICAL INFORMATION | TRACK-MOUNTED JAW CRUSHERS

# MOBICAT MC 100 R/100 Ri EVO





## TECHNICAL HIGHLIGHTS

- Continuous Feed System (CFS) for optimal crusher loading
- Innovative crusher unblocking system for extremely short downtimes
- Efficient and powerful diesel-direct drive
- Simple control with menu-guided touch panel

## TECHNICAL INFORMATION MC 100 R/100 Ri EVO

### Feeding unit

Feed capacity up to approx. (t/h) <sup>1)</sup>	220
Feed size max. (mm)	900 x 500
Feed height (with extension) (mm)	3,200 (3,720)
Hopper volume (with extension) (m <sup>3</sup> )	4.5 (7.5)
Width x Length (with extension) (mm)	1,900 x 3,200 (2,800 x 2,800)

### Vibrating feeder with integrated prescreening

Width x Length (mm)	870 x 3,940
---------------------	-------------

### Side discharge conveyor (optional) <sup>2)</sup>

Width x Length (extended) (mm)	500 x 2,700 (5,000)
Discharge height approx. (extended) (mm)	2,110 (3,000)

### Crusher

Single toggle jaw crusher type	STR 095 - 055
Crusher inlet width x depth (mm)	950 x 550
Crusher weight approx. (kg)	12,000
Crusher drive type	direct
Adjustment range of gap width (mm) <sup>3)</sup>	20 - 130
Crusher gap adjustment	fully hydraulic

### Crushing capacity <sup>4)</sup>

Crushing capacity with CSS = 60 mm up to approx. (t/h)	95 - 105
Crushing capacity with CSS = 85 mm up to approx. (t/h)	130 - 150

### Crusher discharge conveyor

Width x Length (extended) (mm)	800 x 8,600 (10,100)
Discharge height approx. (extended) (mm)	3,050 (3,660)

### Power supply unit

Drive concept	diesel-direct
MC 100 R EVO: Deutz (Tier 3/ Stage IIIA) (kW)	165 (1,500 rpm)
MC 100 Ri EVO: (Tier 4f/Stage IV) (kW)	155 (1,500 rpm)
Generator (kVA)	85

### Transport <sup>5)</sup>

Transport height approx. (mm)	3,200
Transport length approx. (mm)	12,950
Transport width max. (mm)	3,000
Transport weight approx. (kg)	30,000

<sup>1)</sup> dependent on the type and composition of the feed material, the feed size, the prescreening, as well as the desired final grain size

<sup>2)</sup> side discharge conveyor remains attached to the plant for transportation

<sup>3)</sup> CSS: top-bottom; the gap width range can be changed by using special crusher jaws and / or pressure plates

<sup>4)</sup> for hard stone, CSS = Close Side Setting

<sup>5)</sup> no options

**Standard features:** Hopper walls integrated in chassis / Frequency-controlled vibrating feeder / Radio remote control / Control with touch panel / Lockable control cabinet, protected against dust and vibrations / Eye hooks / Spray system for dust reduction / Lighting / Standard climate package

**Options:** Hopper extension / Side discharge conveyor, can be mounted on left or right / Extension for side discharge conveyor / Electromagnetic separator, permanent magnet, magnet preparation / Various crusher jaw profiles / Extension for crusher discharge conveyor (hydraulically foldable) / Fixture for linking with other Kleemann plants / Crusher unblocking system / CFS: Continuous Feed System / Socket 110 V / Additional platform for maintenance purposes / Track pads for the crawler chassis to protect subsurface / Climate packages: Hot or cold package