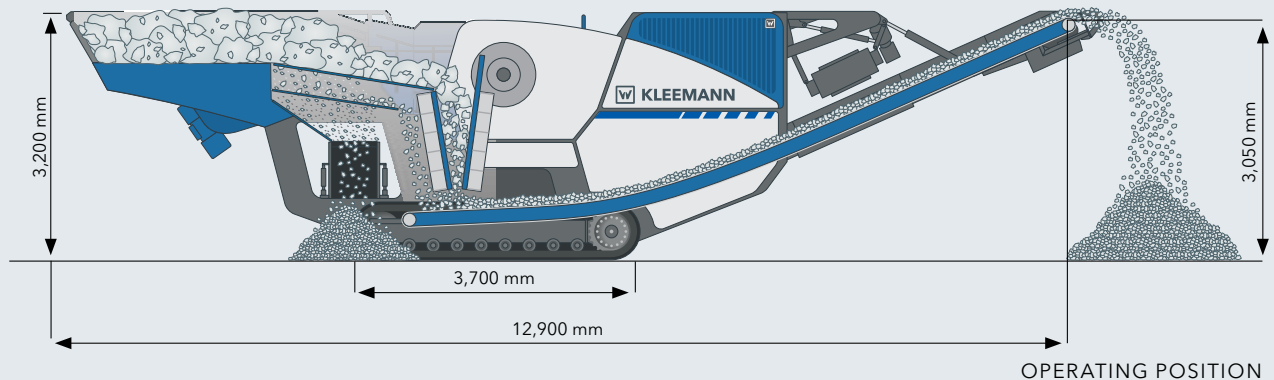




TECHNICAL INFORMATION | TRACK-MOUNTED JAW CRUSHERS

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) ¹⁾	220
Feed size max. (mm)	900 x 500
Feed height (with extension) (mm)	3,200 (3,720)
Hopper volume (with extension) (m ³)	3.5 (7.0)
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
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Side discharge conveyor (optional) ²⁾

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, approx. (kW)	direct, 160
Adjustment range of gap width (mm) ³⁾	20 - 130
Crusher gap adjustment	fully hydraulic

Crushing capacity ⁴⁾

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

Transport ⁵⁾

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

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

²⁾ side discharge conveyor remains attached to the plant for transportation

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

⁴⁾ for hard stone, CSS = Close Side Setting

⁵⁾ 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