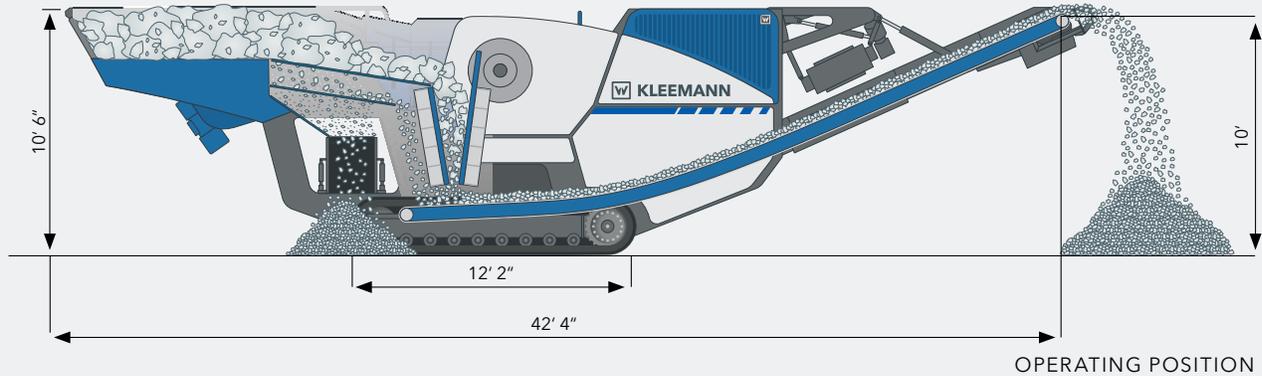


TECHNICAL INFORMATION | TRACK-MOUNTED JAW CRUSHERS

MOBICAT MC 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 Ri EVO - US SPEC

Feeding unit

Feed capacity up to approx. (US t/h) ¹⁾	243
Feed size max. (inch)	36" x 20"
Feed height (with extension) (inch)	10' 6" (12' 7")
Hopper volume (with extension) (yd ³)	4.6 (9.2)
Width x Length (with extension) (inch)	6' 3" x 10' 6" (9' 2" x 9' 2")

Vibrating feeder with integrated prescreening

Width x Length (inch)	34" x 12' 11"
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Side discharge conveyor (optional)²⁾

Width x Length (extended) (inch)	20" x 8' 10" (16' 5")
Discharge height approx. (extended) (inch)	6' 11" (9' 10")

Crusher

Single toggle jaw crusher type	STR 095 - 055
Crusher inlet width x depth (inch)	37" x 22"
Crusher weight approx. (lbs)	26,455
Crusher drive type, approx. (hp)	direct, 215
Adjustment range of gap width (inch) ³⁾	0.8" - 5"
Crusher gap adjustment	fully hydraulic

Crushing capacity⁴⁾

Crushing capacity with CSS = 2.4" up to approx. (US t/h)	105 - 116
Crushing capacity with CSS = 3.3" up to approx. (US t/h)	143 - 165

Crusher discharge conveyor

Width x Length (extended) (inch)	32" x 28' 3" (33' 2")
Discharge height approx. (extended) (inch)	10' (12')

Power supply unit

Drive concept	direct drive via fluid coupling and electric system
Deutz (Tier 4f/Stage IV) (hp)	208
Generator (kVA)	85

Transport⁵⁾

Transport height approx. (inch)	10' 6"
Transport length approx. (inch)	42' 6"
Transport width max. (inch)	9' 10"
Transport weight approx. (lbs)	71,300

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 / Basic preparation of magnet, with permanent magnet separator / Side discharge conveyor, left side / Crusher unblocking system / CFS: Continuous Feed System / Additional platform for maintenance purposes

Options: Hopper extension / Extension for side discharge conveyor / Electromagnetic separator / Various crusher jaw profiles / Extension for crusher discharge conveyor (hydraulically foldable) / Fixture for linking with other KLEEMANN plants / Socket 110V / Track pads for the crawler chassis to protect subsurface / Climate packages: Hot or cold package