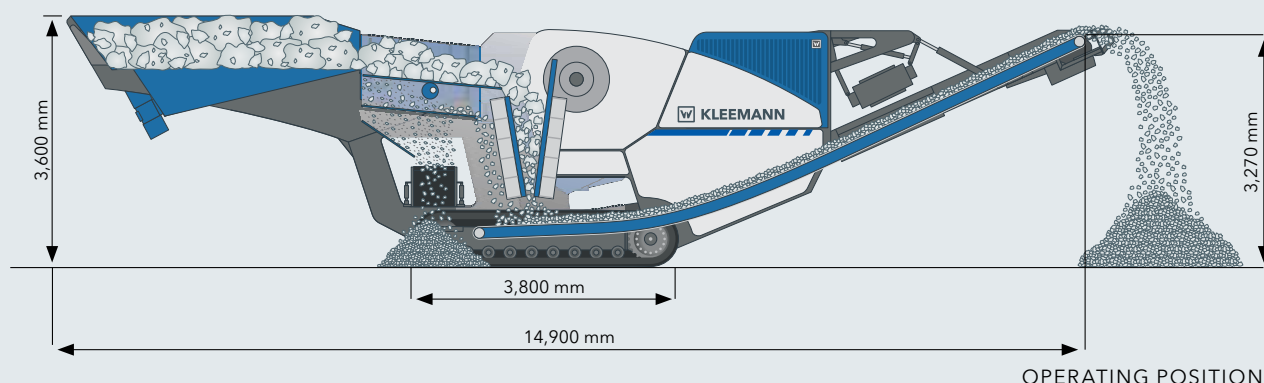


TECHNICAL INFORMATION | TRACK-MOUNTED JAW CRUSHERS

MOBICAT MC 110 Z/110 Zi EVO





TECHNICAL HIGHLIGHTS

- Continuous Feed System (CFS) for optimal crusher loading
- Innovative crusher unblocking system for extremely short downtimes
- Independent vibrating double-deck prescreen
- Efficient and powerful diesel-direct drive

TECHNICAL INFORMATION MC 110 Z/110 Zi EVO

Feeding unit

Feed capacity up to approx. (t/h) ¹⁾	330
Feed size max. (mm)	1,050 x 650
Feed height (with extension) (mm)	3,600 (4,160)
Width x Length (with extension) (mm)	1,900 x 3,650 (2,800 x 3,200)
Hopper volume (with extension) (m ³)	5.5 (9.5)

Vibrating feeder

Width x Length (mm)	900 x 3,700
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Prescreening

Type	double-deck heavy-piece screen
Width x Length (mm)	1,000 x 1,830

Side discharge conveyor (optional) ²⁾

Width x Length (extended) (mm)	500 x 2,700 (5,000)
Discharge height approx. (extended) (mm)	2,190 (3,080)

Crusher

Single toggle jaw crusher type	STR 110 - 070
Crusher inlet width x depth (mm)	1,100 x 700
Crusher weight approx. (kg)	17,000
Crusher drive type	direct
Adjustment range of gap width (mm) ³⁾	35 - 180
Crusher gap adjustment	fully hydraulic

Crushing capacity ⁴⁾

Crushing capacity with CSS = 60 mm up to approx. (t/h)	115 - 130
Crushing capacity with CSS = 100 mm up to approx. (t/h)	190 - 210

Crusher discharge conveyor

Width x Length (extended) (mm)	1,000 x 9,200 (10,700)
Discharge height approx. (extended) (mm)	3,270 (3,880)

Power supply unit

Drive concept	diesel-direct
MC 110 Z EVO: Scania (Tier 3/Stage IIIA) (kW)	248 (1,500 rpm)
Scania (LRC) (kW)	160 (1,500 rpm)
MC 110 Zi EVO: Scania (Tier 4f/Stage IV) (kW)	248 (1,500 rpm)
Generator (kVA)	135

Transport ⁵⁾

Transport height approx. (mm)	3,600
Transport length approx. (mm)	14,900
Transport width max. (mm)	3,000
Transport weight approx. (kg)	39,500

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 pressure plates

⁴⁾ for hard stone, CSS = Close Side Setting

⁵⁾ no options

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

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 the subsurface / Climate packages: Hot or cold package