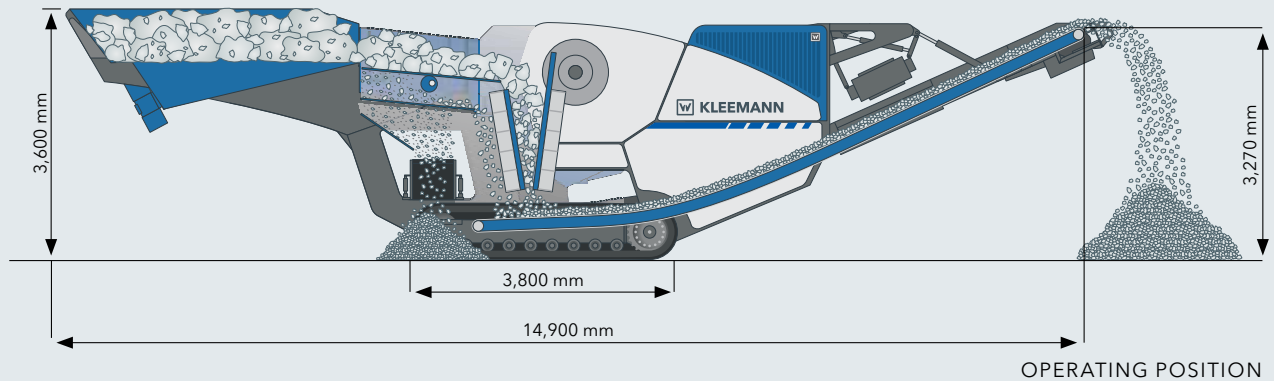




TECHNICAL INFORMATION | TRACK-MOUNTED JAW CRUSHERS

# 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) <sup>1)</sup>	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 <sup>3</sup> )	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) <sup>2)</sup>

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, approx. (kW)	direct, 160
Adjustment range of gap width (mm) <sup>3)</sup>	35 - 180
Crusher gap adjustment	fully hydraulic

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

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-electric
MC 110 Z EVO: Scania (Tier 3/Stage IIIA) (kW)	248 (1,500 rpm)
Scania (LRC) (kW)	248 (1,500 rpm)
MC 110 Zi EVO: Scania (Tier 4f/Stage IV) (kW)	243 (1,500 rpm)
Generator (kVA)	135

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

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

<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 / 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