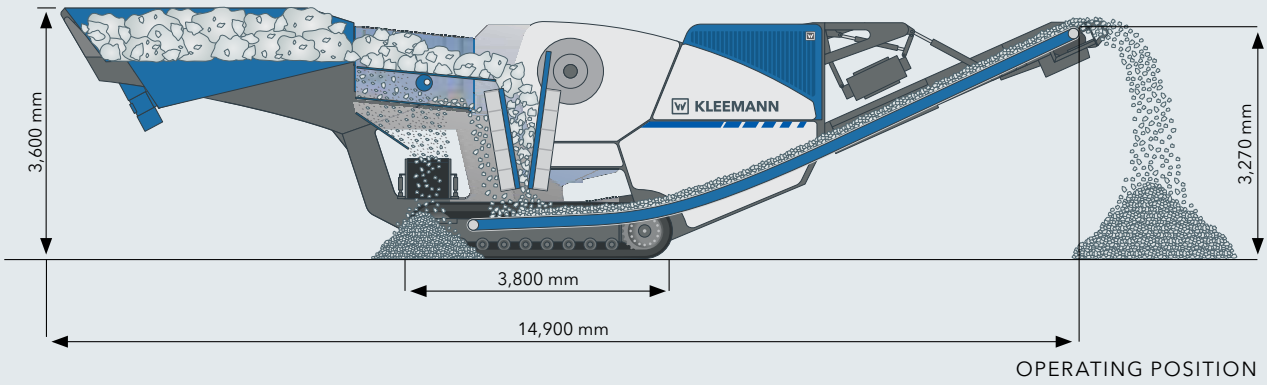
A WIRTGEN GROUP COMPANY

KLEEMANN

TECHNICAL INFORMATION I 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 |
| **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


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