TECHNICAL INFORMATION  I  TRACK-MOUNTED JAW CRUSHERS

MOBICAT MC 100 R/100 Ri EVO
TECHNICAL INFORMATION MC 100 R/100 Ri EVO

**Feeding unit**
- Feed capacity up to approx. (t/h) 220
- Feed size max. (mm) 900 x 500
- Feed height (with extension)(mm) 3,200 (3,720)
- Hopper volume (with extension) (m³) 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 (mm) 870 x 3,940
- Side discharge conveyor (optional) 5)
  - 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, 140
- Adjustment range of gap width (mm) 20 - 130
- Crusher gap adjustment fully hydraulic
- 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
- Crushing capacity with CSS = 100 mm up to approx. (t/h) 45 - 55

**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

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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

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**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

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**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

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