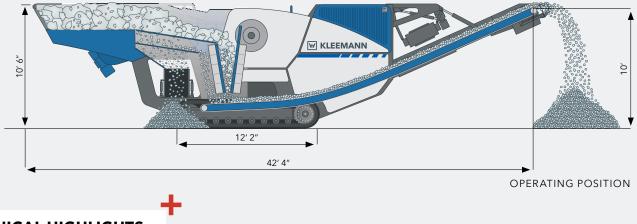


TECHNICAL INFORMATION 1 TRACK-MOUNTED JAW CRUSHERS





## **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) <sup>1)</sup>          | 243                            |
| Feed size max. (inch)                                       | 36" x 20"                      |
| Feed height (with extension) (inch)                         | 10' 6" (12' 7")                |
| Hopper volume (with extension) (yd <sup>3</sup> )           | 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"                  |
| Side discharge conveyor (optional) <sup>2)</sup>            |                                |
| 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) <sup>3)</sup>          | 0.8" - 5"                      |
| Crusher gap adjustment                                      | fully hydraulic                |
| Crushing capacity <sup>4)</sup>                             |                                |
| 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<br>and electric system |
| Deutz (Tier 4f/Stage IV) (hp)              | 208  |
| Generator (kVA)                            | 85   |
| Transport <sup>5)</sup>                    |  |
| Transport height approx. (inch)            | 10' 6"   |
| Transport length approx. (inch)            | 42' 6"   |
| Transport width max. (inch)                | 9' 10"   |
| Transport weight approx. (lbs)             | 71,300   |

<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 distance plates

- $^{(4)}$  for hard stone, CSS = Close Side Setting
- <sup>5)</sup> 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 110 V / Track pads for the crawler chassis to protect subsurface / Climate packages: Hot or cold package