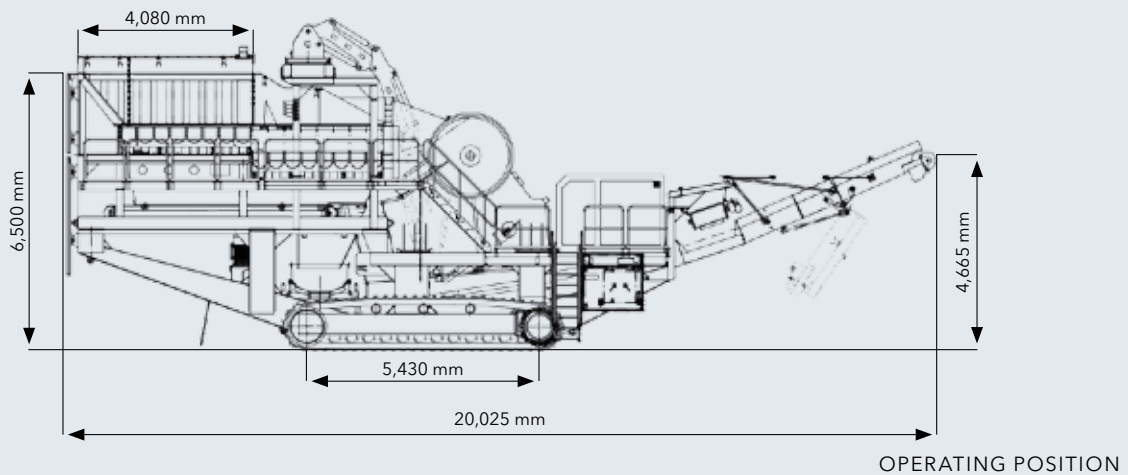




TECHNICAL INFORMATION | TRACK-MOUNTED JAW CRUSHERS

# MOBICAT MC 125 RR





## TECHNICAL HIGHLIGHTS

- Frequency-controlled wobbler feeder
- Diesel-electric drive concept
- Option for external power supply (optional)
- For use in cohesive, clayey material

## TECHNICAL INFORMATION MC 125 RR

### Feeding unit

Feed capacity up to approx. (t/h) <sup>1)</sup>	600
Feed size max. (mm)	1,125 x 700
Feed height (with extension) (mm)	6,500
Width x Length (with extension) (mm)	3,450 x 4,080
Hopper volume (with extension) (m <sup>3</sup> )	10

### Preliminary sorting with wobbler feeder

Type	2 x RRS 12.5 x 8
Width x Length (mm)	1,250 x 3,085

### Side discharge conveyor (optional)

Width x Length (extended) (mm)	1,250 x 8,000
Discharge height approx. (extended) (mm)	4,000

### Crusher

Single toggle jaw crusher type	STR 1,250 x 1,000
Crusher inlet width x depth (mm)	1,250 x 1,000
Crusher weight approx. (kg)	49,000
Crusher drive type approx. (kW)	electric, 200
Adjustment range of gap width (mm) <sup>2)</sup>	80 - 250
Crusher gap adjustment	hydraulically supported

### Crushing capacity <sup>3)</sup>

with CSS 100 mm: approx. from - to (t/h)	140 - 180
with CSS 130 mm: approx. from - to (t/h)	230 - 295
with CSS 160 mm: approx. from - to (t/h)	285 - 360
with CSS 200 mm: approx. from - to (t/h)	355 - 445
with CSS 250 mm: approx. from - to (t/h)	450 - 550

### Crusher discharge conveyor

Width x Length (mm)	1,200 x 13,700
Discharge height approx. (mm)	4,665

### Power supply unit

Drive concept	diesel-electric drive
Scania (LRC) (kW)	364 (1,500 rpm)
Scania (Tier 3/Stage IIIA) (kW)	364 (1,500 rpm)
Generator (kVA)	550

### Weight

Total weight without options approx. (kg)	160,000
---	---------

<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> gap width range can be changed by using special crusher jaws and/or pressure plates

<sup>3)</sup> for hard stone, CSS = Close Side Setting

**Standard features:** Feed hopper / Frequency-controlled wobbler feeders / Ultrasonic probe at crusher inlet / Hydraulically lockable belt under wobbler feeders / Radio remote control / PLC control with LCD display / Control cabinet, with double dust encapsulation, lockable, suspended and with over pressure system

**Options:** Side discharge conveyor / Electromagnetic separator, permanent magnet, magnet preparation / Preparation for installation of belt scale / Belt covers (aluminium, tarpaulin) / Remote maintenance using GSM modem / External power supply / Rock chisel / Lighting / Spray system for dust reduction