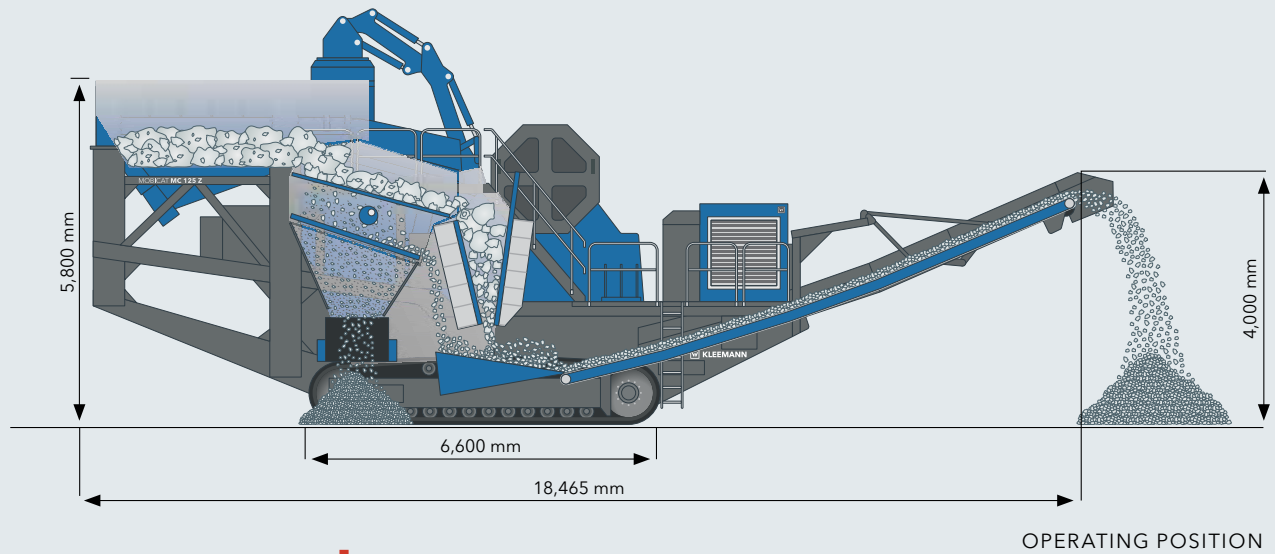




TECHNICAL INFORMATION | TRACK-MOUNTED JAW CRUSHERS

MOBICAT MC 125 Z





TECHNICAL HIGHLIGHTS

- Frequency-controlled vibrating feeder
- Diesel-electric drive concept
- Option for external power supply (optional)
- Independent vibrating double-deck prescreen

TECHNICAL INFORMATION MC 125 Z

Feeding unit

Feed capacity up to approx. (t/h) ¹⁾	600
Feed size max. (mm)	1,125 x 700
Feed height (with extension) (mm)	5,800 (6,500 / 7,200)
Width x Length (with extension) (mm)	3,250 x 4,500
Hopper volume (with extension) (m ³)	10 (15/30)

Vibrating feeder

Width x Length (mm)	1,200 x 3,500
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Prescreening

Type	double-deck heavy-piece screen
Width x Length (mm)	1,250 x 3,000

Side discharge conveyor (optional)

Width x Length (extended) (mm)	1,000 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) ²⁾	80 - 250
Crusher gap adjustment	hydraulically supported

Crushing capacity ³⁾

with CSS 100 mm: approx. from - to (t/h)	175 - 230
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

Vibrating extractor

Width x Length (mm)	1,200 x 2,600
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Crusher discharge conveyor

Width x Length (mm)	1,200 x 9,900
Width x Length without vibrating extractor (option) (mm)	1,200 x 12,000
Discharge height approx. (mm)	4,200
Discharge height without vibrating extractor (option) (mm)	4,000

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)	130,000
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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⁾ gap width range can be changed by using special crusher jaws and/or pressure plates

³⁾ for hard stone, CSS = Close Side Setting

Standard features: Feed hopper / Frequency-controlled vibrating feeder / Ultrasonic probe at crusher inlet / Radio remote control / PLC control with LCD display / Control cabinet, with double dust encapsulation, lockable, suspended and with over pressure system / Lighting

Options: Hopper extension / Side discharge conveyor / Electromagnetic separator, permanent magnet, magnet preparation / Long crusher discharge conveyor instead of vibrating extractor / Preparation for installation of belt scale / Belt covers (aluminium, tarpaulin) / Remote maintenance using GSM modem / Extension for crusher discharge conveyor (hydraulically foldable) / External power supply / Rock chisel / Socket 110 V / Spray system for dust reduction