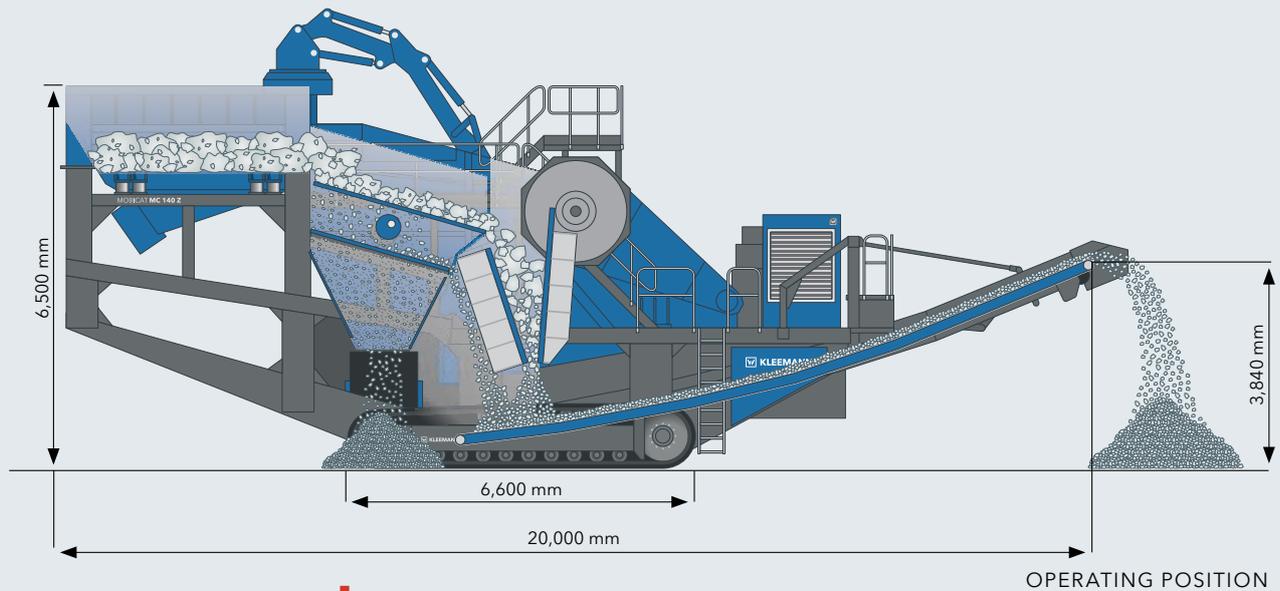


TECHNICAL INFORMATION | TRACK-MOUNTED JAW CRUSHERS

MOBICAT MC 140 Z





TECHNICAL HIGHLIGHTS

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

TECHNICAL INFORMATION MC 140 Z

Feeding unit

Feed capacity up to approx. (t/h) ¹⁾	750
Feed size max. (mm)	1,300 x 1,000
Feed height (mm)	6,500
Hopper volume (m ³)	10
Width x Length (mm)	3,700 x 4,600

Vibrating feeder

Width x Length (mm)	1,350 x 4,100
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Prescreening

Type	double-deck heavy-piece screen
Width x Length (mm)	1,400 x 3,000

Side discharge conveyor (optional)

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

Crusher

Single toggle jaw crusher type	STR 1,400 x 1,130
Crusher inlet width x depth (mm)	1,400 x 1,130
Crusher weight approx. (kg)	54,000
Crusher drive type, approx. (kW)	electric, 200
Adjustment range of gap width (mm) ²⁾	110 - 260
Crusher gap adjustment	hydraulically supported

Crushing capacity ³⁾

with CSS 130 mm: approx. from - to (t/h)	270 - 340
with CSS 160 mm: approx. from - to (t/h)	340 - 420
with CSS 200 mm: approx. from - to (t/h)	430 - 520
with CSS 250 mm: approx. from - to (t/h)	550 - 650

Vibrating feeder (optional)

Width x Length (mm)	1,400 x 2,600
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Crusher discharge conveyor

Width x Length (mm)	1,400 x 12,000
Width x Length with vibrating extractor (option) (mm)	1,500 x 10,400
Discharge height approx. (mm)	3,840
Discharge height with vibrating extractor (option) (mm)	4,300

Power supply unit

Drive concept	diesel-electric
Scania (Tier 3 / Stage IIIA) (kW)	438 (1,500 rpm)
Scania (LRC) (kW)	438 (1,500 rpm)
Generator (kVA)	600

Weight

Total weight without options approx. (kg)	160,000
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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 / fill level monitor 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: Side discharge conveyor / Electromagnetic separator, permanent magnet, magnet preparation / External power supply / Extended crusher discharge conveyor / Rock chisel / Hydraulic folding device for crusher discharge conveyor / Preparation for installation of belt scale / Belt covers (aluminium, tarpaulin) / Remote maintenance using GSM modem / Socket 110 V / Spray system for dust reduction