



Technical information

MOBICAT MC 140 PRO



Track-mounted jaw crusher

Use in natural stone

MOBICAT PRO

Series

HIGHLIGHTS

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

TECHNICAL DATA MC 140 PRO

Feeding unit

Feed capacity up to approx. (t/h)	750 ¹⁾
Feed size max. (mm)	1,260 x 790
Feed height (with extension) approx. (mm)	6,500 (8,460)
Hopper volume (with extension) (m³)	12 (35)
Width x Length (mm)	3,700 x 4,600

Vibrating feeder

Width x Length (mm)	1,350 x 4,000
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Prescreening

Type	double-deck heavy-piece screen
Width x Length (mm)	1,400 x 3,200

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 140-103
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)	110 - 260 ²⁾
Crusher gap adjustment	hydraulically supported

Crushing capacity ³⁾

with CSS 130 mm up to approx. (t/h)	360
with CSS 160 mm up to approx. (t/h)	440
with CSS 200 mm up to approx. (t/h)	545
with CSS 250 mm up to approx. (t/h)	680

Vibrating feeder (optional)

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

Width x Length (mm)	1,500 x 10,400
Width x Length without vibrating extractor (option) (mm)	1,400 x 13,000
Discharge height approx. (mm)	4,300
Discharge height without vibrating extractor (option) (mm)	3,900

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 / Preparation for installation of belt scale / Belt covers (aluminium, steel) / Spray system for dust reduction

OPERATING POSITION

