

Technical information

MOBICAT MC 125 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 125 PRO

Feeding unit

Feed capacity up to approx. (t/h)	650 ¹⁾
Feed size max. (mm)	1,125 x 700
Feed height (with extension) (mm)	5,720 (7,180)
Width x Length (mm)	3,250 x 4,500
Hopper volume (with extension) (m ³)	10 (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)	1,200 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 115-100
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)	80 - 250 ²⁾
Crusher gap adjustment	hydraulically supported

Crushing capacity³⁾

with CSS 100 mm up to approx. (t/h)	260
with CSS 130 mm up to approx. (t/h)	335
with CSS 160 mm up to approx. (t/h)	405
with CSS 200 mm up to approx. (t/h)	505
with CSS 250 mm up to approx. (t/h)	630

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 9,950
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Width x Length without vibrating extractor (option) (mm)	1,200 x 12,100
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Discharge height approx. (mm)	4,000
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Discharge height without vibrating extractor (option) (mm)	4,260
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Power supply unit

Drive concept	diesel-electric
Scania (LRC) (kW)	364 (1,500 rpm)
Scania (Tier 3/Stage IIIA) (kW)	364 (1,500 rpm)
Generator (kVA)	540

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 / Extended crusher discharge conveyor instead of vibrating extractor / Preparation for installation of belt scale / Belt covers (aluminium) / Crusher discharge conveyor (hydraulically foldable) / External power supply / Rock chisel / Spray system for dust reduction

OPERATING POSITION

