

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 - US SPEC

Feeding unit	
Feed capacity up to approx. (US t/h)	717 ¹⁾
Feed size max. (inch)	44" x 28"
Feed height (with extension) (inch)	18' 9" (23' 7")
Width x Length (inch)	10' 8" x 14' 9"
Hopper volume (with extension) (yd ³)	13.1 (39.2)
Vibrating feeder	
Width x Length (inch)	48" x 11' 6"
Prescreening	
Type	double-deck heavy-piece screen
Width x Length (inch)	47" x 10' 6"
Side discharge conveyor (optional)	
Width x Length (inch)	39" x 26' 3"
Discharge height approx. (inch)	13' 1"
Crusher	
Single toggle jaw crusher type	STR 115-100
Crusher inlet width x depth (inch)	49" x 40"
Crusher weight approx. (lbs)	108,000
Crusher drive type, approx. (hp)	electric, 268
Adjustment range of gap width (inch)	3.1" - 10" ²⁾
Crusher gap adjustment	hydraulically supported
Crushing capacity ³⁾	
with CSS 4" up to approx. (US t/h)	287
with CSS 5.1" up to approx. (US t/h)	369
with CSS 6.3" up to approx. (US t/h)	446
with CSS 7.9" up to approx. (US t/h)	557
with CSS 9.8" up to approx. (US t/h)	694

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

Vibrating extractor	
Width x Length (inch)	47" x 8' 6"
Crusher discharge conveyor	
Width x Length (inch)	47" x 32' 8"
Width x Length without vibrating extractor (option) (inch)	47" x 39' 8"
Discharge height approx. (inch)	13' 1"
Discharge height without vibrating extractor (option) (inch)	13' 12"
Power supply unit	
Drive concept	diesel-electric
Scania (LRC) (hp)	488 (1,500 rpm)
Scania (Tier 3/Stage IIIA) (hp)	488 (1,500 rpm)
Generator (kVA)	540
Weight	
Total weight without options approx. (lbs)	286,600

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

OPERATING POSITION

