

Technical information

MOBICAT MC 140 PRO



Track-mounted jaw crusher

Use in natural stone

MOBICAT PRO

Serie

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 - US SPEC

Feeding unit		
Feed capacity up to approx. (US t/h)	827 1)	
Feed size max. (inch)	50" x 31"	
Feed height (with extension) approx. (inch)	21' 4" (27' 9")	
Hopper volume (with extension) (yd³)	12 (45.8)	
Width x Length (inch)	12' 2" x15' 1"	
Vibrating feeder		
Width x Length (inch)	53" x 13' 1"	
Prescreening		
Туре	double-deck heavy-piece screen	
Width x Length (inch)	55" 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 140-103	
Crusher inlet width x depth (inch)	55" x 45"	
Crusher weight approx. (lbs)	119,100	
Crusher drive type, approx. (hp)	electric, 268	
Adjustment range of gap width (inch)	4.3" - 10"2)	
Crusher gap adjustment	hydraulically supported	
Crushing capacity 3)		
with CSS 5.1" up to approx. (US t/h)	397	
with CSS 6.1" up to approx. (US t/h)	485	
with CSS 7.9" up to approx. (US t/h)	601	
with CSS 9.8" up to approx. (US t/h)	749	

Vibrating feeder (optional)	
Width x Length (inch)	55" x 8' 6"
Crusher discharge conveyor	
Width x Length (inch)	59" x 34' 1"
Width x Length without vibrating extractor (option) (inch)	55" x 42' 8"
Discharge height approx. (inch)	14' 1"
Discharge height without vibrating extractor (option) (inch)	12' 10"
Power supply unit	
Drive concept	diesel-electric
Scania (Tier 3/Stage IIIA) (hp) 5	87 (1,500 rpm)
Scania (LRC) (hp) 5	87 (1,500 rpm)
Generator (kVA)	600
Weight	

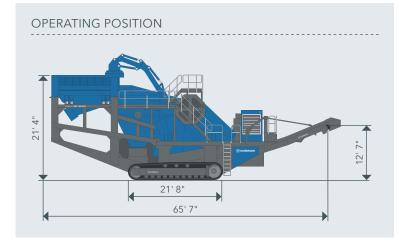
¹⁾ dependent on the type and composition of the feed material, the feed size, the prescreening, as well as the desired final grain size

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





²⁾ gap width range can be changed by using special crusher jaws and/ or pressure plates

 $^{^{3)}}$ for hard stone, CSS = Close Side Setting