

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 - US SPEC

Feeding unit	
Feed capacity up to approx. (US t/h)	827 <sup>1)</sup>
Feed size max. (inch)	50" x 31"
Feed height (with extension) approx. (inch)	21' 4" (27' 9")
Hopper volume (with extension) (yd <sup>3</sup> )	12 (45.8)
Width x Length (inch)	12' 2" x 15' 1"
Vibrating feeder	
Width x Length (inch)	53" x 13' 1"
Prescreening	
Type	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" <sup>2)</sup>
Crusher gap adjustment	hydraulically supported
Crushing capacity <sup>3)</sup>	
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) 587 (1,500 rpm)

Scania (LRC) (hp) 587 (1,500 rpm)

Generator (kVA) 600

## Weight

Total weight without options approx. (lbs) 352,740

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

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

<sup>3)</sup> 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

