

Technical information

MOBIREX MR 122i PRO



Track-mounted impact crushers

Use in natural stone and recycling

MOBIREX PRO

Series

HIGHLIGHTS

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

TECHNICAL DATA MR 122i PRO - US SPEC

Feeding unit	
Feed capacity up to approx. (US t/h)	524 ¹⁾
Feed size max. (inch)	39" x 25"
Feed height (with extension) (inch)	15' 1" (17' 1")
Hopper volume (with extension) (yd ³)	12.4 (26.6)
Width x Length (with extension) (inch)	9' 4" x 13' 9" (11' 6" x 13' 9")
Vibrating feeder	
Width x Length (inch)	39" x 11' 6"
Prescreening	
Type	double-deck heavy-piece screen
Width x Length (inch)	48" x 7' 7"
Side discharge conveyor (optional)	
Width x Length (inch)	26" x 19' 8"
Discharge height approx. (inch)	10' 10"
Crusher	
Impact crusher type	SHB 12/100
Crusher inlet width x height (inch)	50" x 39"
Crusher weight approx. (lbs)	40,150
Rotor diameter (inch)	52"
Crusher drive type, approx. (hp)	electric, 335
Crushing capacity with concrete/rubble up to approx. (US t/h)	342 ²⁾
Crushing capacity with asphalt up to approx. (US t/h)	292 ³⁾
Crushing capacity with limestone up to approx. (US t/h)	386 ⁴⁾

Vibrating extractor	
Width x Length (inch)	52" x 8' 6"
Crusher discharge conveyor	
Width x Length (extended) (inch)	55" x 32' 10" (39' 1")
Discharge height approx. (extended) (inch)	12' 2" (13' 9")
Power supply unit	
Drive concept	diesel-electric
Drive output of Scania diesel engine (hp)	488 (1,500 rpm) - 493 (1,800 rpm) ⁵⁾
Generator (kVA)	540
Transport ⁶⁾	
Transport height approx. (inch)	13' 5"
Transport length approx. (inch)	59' 2"
Transport width max. (inch)	10' 1"
Transport weight basic machine - max. equipment (lbs)	141,000 - 151,000

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⁾ for final grain size 0 - 1.7" with approx. 10 - 15 % oversize grain

³⁾ for final grain size 0 - 1.2" with approx. 10 - 15 % oversize grain

⁴⁾ for final grain size 0 - 2.4" with approx. 5 - 10 % oversize grain

⁵⁾ depending on the respective exhaust emission standard

⁶⁾ no options

STANDARD FEATURES

Hydraulically foldable feed hopper / Frequency-controlled vibrating feeder / Radio remote control / PLC control with LCD display / Control cabinet, double dust encapsulation, lockable, suspended and with overpressure system / Swivel arm for changing the blow bars / Spray system for dust reduction / Lighting

OPTIONS

Hopper extension / Side discharge conveyor / Electromagnetic separator, permanent magnet or magnet preparation / Extended crusher discharge conveyor (hydraulically foldable) / Preparation for installation of belt scale/Belt covers for side discharge conveyor (aluminium, tarpaulin) / External power supply / Socket 110 V

OPERATING POSITION

