

Technical information

MOBIREX MR 170 PRO



Track-mounted impact crushers

Use in natural stone

MOBIREX PRO

Series

HIGHLIGHTS

- > Frequency-controlled vibrating feeder
- > Independent vibrating double-deck prescreen
- > Extremely robust design
- > PLC control with LCD display

TECHNICAL DATA MR 170 PRO

Feeding unit

Feed capacity up to approx. (t/h)	700 ¹⁾
Feed size max. (mm)	1,330 x 830
Feed height (mm)	4,950
Hopper volume (m ³)	9.5

Vibrating feeder

Width x Length (mm)	1,480 x 3,500
---------------------	---------------

Prescreening

Type	double-deck heavy-piece screen
Width x Length (mm)	1,550 x 3,500

Side discharge conveyor (optional)

Width x Length (mm)	1,000 x 8,000
Discharge height approx. (mm)	3,700

Crusher

Impact crusher type	SHB 17/100 M
Crusher inlet width x height (mm)	1,660 x 1,000
Crusher weight approx. (kg)	28,000
Rotor diameter (mm)	1,330
Crusher drive type, approx. (kW)	electric, 355
Crushing capacity with limestone up to approx. (t/h)	565 ²⁾

Vibrating extractor

Width x Length (mm)	1,480 x 2,600
---------------------	---------------

Crusher discharge conveyor

Width x Length (mm)	1,600 x 10,000
Discharge height approx. (mm)	3,860

Power supply unit

Drive concept	diesel-electric
Scania (Tier 3/Stage IIIA) (kW)	481
Generator (kVA)	910

Weight³⁾

Total weight approx. (kg)	93,700
---------------------------	--------

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 - 100 mm with approx. 5 - 10 % oversize grain

³⁾ 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 over pressure system / Swivel arm for changing the blow bars / Spray system for dust reduction

OPTIONS

Hopper extension / Side discharge conveyor / Electromagnetic separator, permanent magnet or magnet preparation / Preparation for installation of belt scale / Belt covers (aluminium, tarpaulin)

OPERATING POSITION

