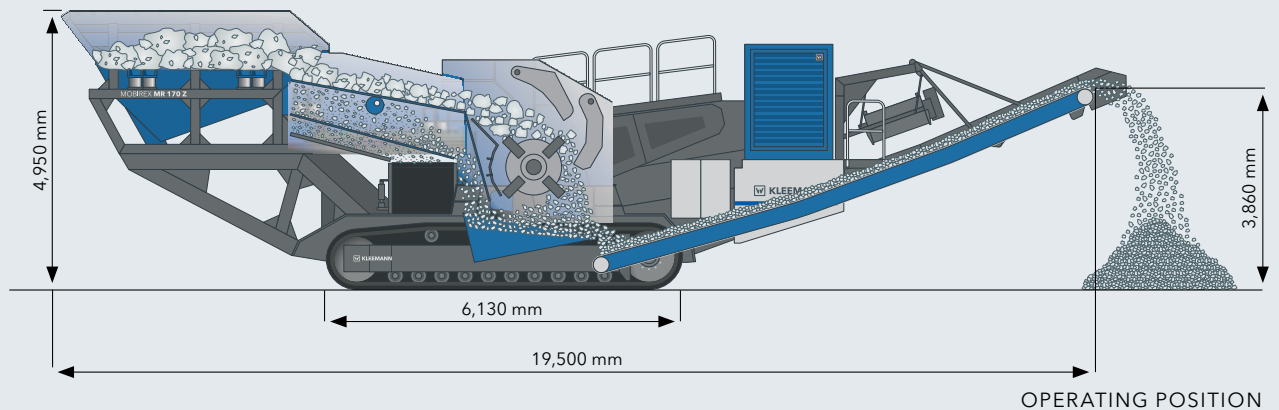




TECHNICAL INFORMATION | TRACK-MOUNTED IMPACT CRUSHERS

MOBIREX MR 170 Z





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

TECHNICAL INFORMATION MR 170 Z

Feeding unit

Feed capacity up to approx. (t/h) ¹⁾	700
Feed size max. (mm)	1,300 x 800
Feed height (mm)	4,950
Hopper volume (m ³)	7.5

Vibrating feeder

Width x Length (mm)	1,500 x 3,600
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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
Crusher inlet width x height (mm)	1,660 x 1,000
Crusher weight approx. (kg)	31,800
Rotor diameter (mm)	1,330
Crusher drive type, approx. (kW)	electric, 355
Crushing capacity with limestone up to approx. (t/h)	600 ²⁾

Vibrating extractor

Width x Length (mm)	1,500 x 2,600
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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)	480
Generator (kVA)	880

Weight ³⁾

Total weight without options approx. (kg)	93,000
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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 - 120 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) / Remote maintenance via GSM modem