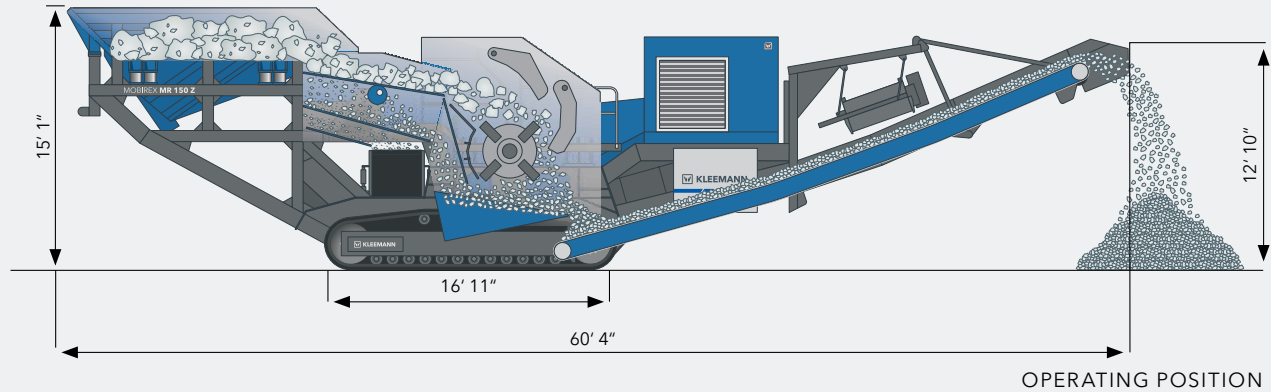




TECHNICAL INFORMATION | TRACK-MOUNTED IMPACT CRUSHERS

MOBIREX MR 150 Z





TECHNICAL HIGHLIGHTS

- Frequency-controlled vibrating feeder
- Independent vibrating double-deck prescreen
- Hydraulically foldable hopper walls
- Diesel-electric drive concept

TECHNICAL INFORMATION MR 150 Z - US SPEC

Feeding unit

Feed capacity up to approx. (US t/h) ¹⁾	606
Feed size max. (inch)	48" x 32"
Feed height (inch)	15' 1"
Hopper volume (yd ³)	9.8
Width x Length (inch)	9' 2" x 13' 2"

Vibrating feeder

Width x Length (inch)	59" x 11' 10"
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Prescreening

Type	double-deck heavy-piece screen
Width x Length (inch)	58" x 8' 3"

Side discharge conveyor (optional)

Width x Length (inch)	26" x 19' 8"
Discharge height approx. (inch)	11' 6"

Crusher

Impact crusher type	SHB 15/100
Crusher inlet width x height (inch)	60" x 40"
Crusher weight approx. (lbs)	47,400
Rotor diameter (inch)	53"
Crusher drive type, approx. (hp)	electric, 442
Crushing capacity with concrete/rubble up to approx. (US t/h)	391 ²⁾
Crushing capacity with asphalt up to approx. (US t/h)	336 ³⁾
Crushing capacity with limestone up to approx. (US t/h)	507 ⁴⁾

Vibrating extractor

Width x Length (inch)	55" x 8' 6"
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Crusher discharge conveyor

Width x Length (inch)	59" x 32' 10"
Discharge height approx. (inch)	12' 10"

Power supply unit

Drive concept	diesel-electric
Scania (Tier 4f/Stage IV) (hp)	643
Generator (kVA)	880

Transport^{5) 6)}

Transport height approx. (inch)	13' 6"
Transport length approx. (inch)	57' 1"
Transport width max. (inch)	11' 10"
Transport weight approx. (lbs)	165,350

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" - 2.2" with approx. 10 - 15% oversize grain

³⁾ for final grain size 0" - 1.3" with approx. 10 - 15% oversize grain

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

⁵⁾ no options

⁶⁾ plant can be dismantled into several units for transportation

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 / Lighting

Options: 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 / External power supply / Hydraulic folding device for crusher discharge conveyor