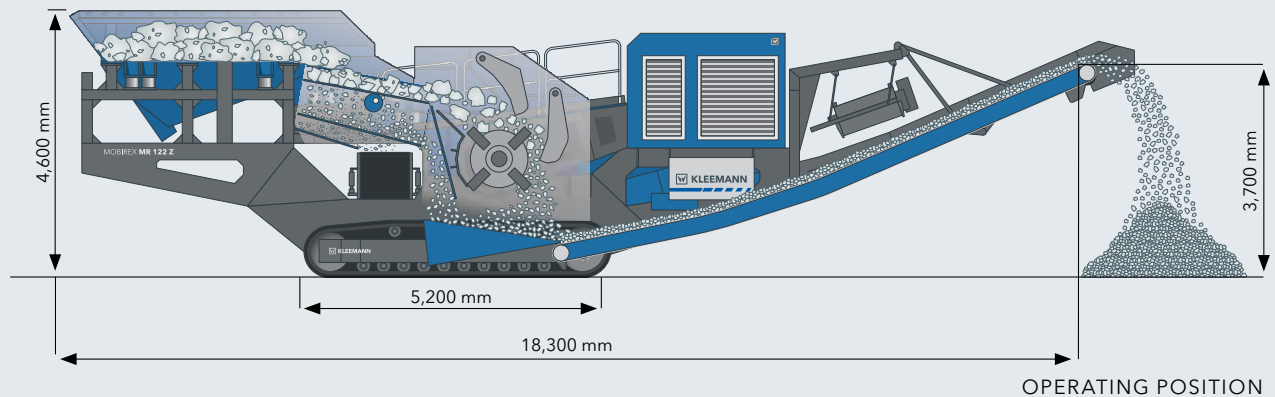




TECHNICAL INFORMATION | TRACK-MOUNTED IMPACT CRUSHERS

MOBIREX MR 122 Z





TECHNICAL HIGHLIGHTS

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

TECHNICAL INFORMATION MR 122 Z

Feeding unit

Feed capacity up to approx. (t/h) ¹⁾	475
Feed size max. (mm)	1,000 x 625
Feed height (with extension) (mm)	4,600 (5,200)
Hopper volume (with extension) (m³)	9.5 (20.3)
Width x Length (with extension) (mm)	2,850 x 4,200 (3,500 x 4,600)

Vibrating feeder

Width x Length (mm)	1,200 x 3,500
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Prescreening

Type	double-deck heavy-piece screen
Width x Length (mm)	1,200 x 2,300

Side discharge conveyor (optional)

Width x Length (mm)	650 x 6,000
Discharge height approx. (mm)	3,300

Crusher

Impact crusher type	SHB 12/100
Crusher inlet width x height (mm)	1,270 x 1,000
Crusher weight approx. (kg)	18,200
Rotor diameter (mm)	1,300
Crusher drive type, approx. (kW)	electric, 250
Crushing capacity with concrete/rubble up to approx. (t/h)	310 ²⁾
Crushing capacity with asphalt up to approx. (t/h)	265 ³⁾
Crushing capacity with limestone up to approx. (t/h)	350 ⁴⁾

Vibrating extractor

Width x Length (mm)	1,300 x 2,600
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Crusher discharge conveyor

Width x Length (extended) (mm)	1,400 x 10,000 (11,500)
Discharge height approx. (extended) (mm)	3,700 (4,200)

Power supply unit

Drive concept	diesel-electric
Scania (Tier 3/Stage IIIA) (kW)	371 (1,800 rpm)
Scania (LRC) (kW)	410 (1,800 rpm)
Generator (kVA)	540

Transport ⁵⁾

Transport height approx. (mm)	4,100
Transport length approx. (mm)	18,200
Transport width max. (mm)	3,085
Transport weight basic machine – max. equipment (kg)	64.000 - 68.500

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 - 45 mm with approx. 10 - 15% oversize grain

³⁾ for final grain size 0 - 32 mm with approx. 10 - 15% oversize grain

⁴⁾ for final grain size 0 - 63 mm with approx. 5 - 10% oversize grain

⁵⁾ 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 / 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) / Remote maintenance via GSM modem / External power supply / Socket 110 V