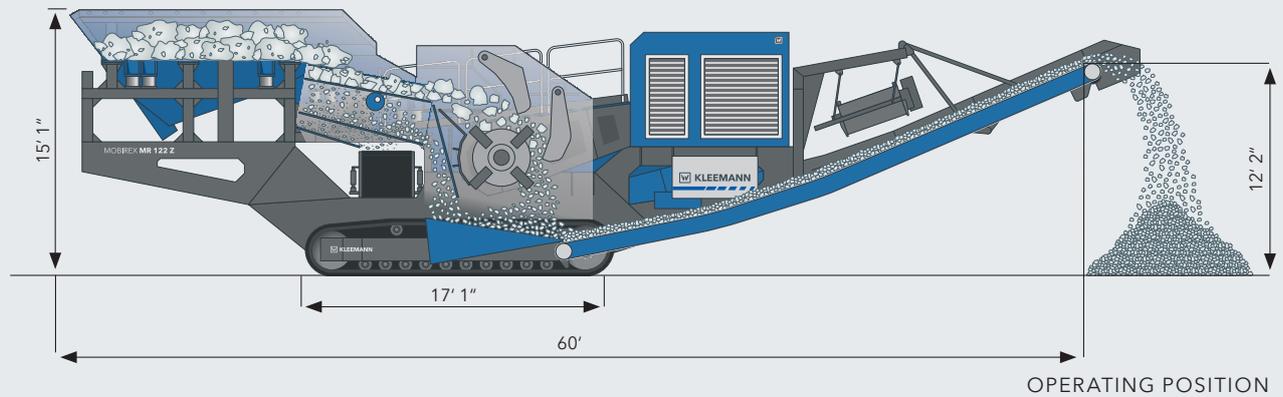




TECHNICAL INFORMATION | TRACK-MOUNTED IMPACT CRUSHERS

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. (US t/h) ¹⁾ | 524 |
| 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 15' 1") |

Vibrating feeder

| | |
|-----------------------|--------------|
| Width x Length (inch) | 48" 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 |
| Scania (Tier 3/Stage IIIA) (hp) | 498 (1,800 rpm) |
| Scania (LRC) (hp) | 550 (1,800 rpm) |
| Generator (kVA) | 540 |

Transport⁵⁾

| | |
|---|-------------------|
| 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⁾ 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