TECHNICAL INFORMATION   I   TRACK-MOUNTED IMPACT CRUSHERS

MOBIREX MR 122 Z
## MOBIREX MR 122 Z

**TECHNICAL INFORMATION MR 122 Z**

### Feeding unit
- Feed capacity up to approx. (US t/h)\(^1\): 524
- Feed size max. (inch): 39" x 25" (100 x 65 cm)
- Feed height (with extension) (inch): 15' 1" (17' 1"
- Hopper volume (with extension) (yd³): 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" (80 x 600 cm)
- Discharge height approx. (inch): 10' 10" (3.3 m)

### Crusher
- Impact crusher type: SHB 12/100
- Crusher inlet width x height (inch): 50" x 39" (1270 x 992 mm)
- Crusher weight approx. (lbs): 40,150 (18,200 kg)
- Rotor diameter (inch): 32" (813 mm)
- Crusher drive type, approx. (hp): electric, 335 HP
- Crushing capacity with concrete/rubble up to approx. (US t/h): 342\(^1\)
- Crushing capacity with asphalt up to approx. (US t/h): 292\(^1\)

### Vibrating extractor
- Width x Length (inch): 52" x 8' 6"

### Crusher discharge conveyor
- Width x Length (extended) (inch): 55" x 32' 10" (1680 x 991 cm)
- Discharge height approx. (extended) (inch): 12' 2" (3.7 m)

### 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

### Transport
- Transport height approx. (inch): 13' 5" (4.1 m)
- Transport length approx. (inch): 59' 2" (18.0 m)
- Transport width max. (inch): 10' 1" (3.1 m)
- Transport weight basic machine – max. equipment (lbs): 141,000 - 151,000 (64,000 - 69,000 kg)

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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 - 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

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**TECHNICAL HIGHLIGHTS**

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

**TECHNICAL HIGHLIGHTS**

- 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

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