TECHNICAL INFORMATION  I  TRACK-MOUNTED IMPACT CRUSHERS

MOBIREX MR 122 Z
### Technical Information MR 122 Z

#### Feeding Unit
- **Feed capacity up to approx. (t/h)**: 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
- **Prescreening**: Double-deck heavy-piece screen

#### 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/ribs up to approx. (t/h)**: 310 (2)
- **Crushing capacity with asphalt up to approx. (t/h)**: 265 (2)
- **Crushing capacity with limestone up to approx. (t/h)**: 350 (2)

#### 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
- **Transport height approx. (mm)**: 4,100
- **Transport length approx. (mm)**: 17,000
- **Transport width max. (mm)**: 3,085
- **Transport weight basic machine – max. equipment (kg)**: 64,000 - 68,500

### Technical Highlights
- Frequency-controlled vibrating feeder
- Option for external power supply (optional)
- Independent vibrating double-deck prescreen

### 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

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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 - 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