**MOBIREX MR 150 Z**

**TRACK-MOUNTED IMPACT CRUSHERS**

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**TECHNICAL HIGHLIGHTS**

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

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**TECHNICAL INFORMATION MR 150 Z – US SPEC**

### Feeding unit
- Feed capacity up to approx. (US t/h): 606
- Feed size max. (inch): 48" x 32"
- Feed height (inch): 15’ 1"
- Hopper volume (yd³): 9.8
- Width x Length (inch): 9’ 2" x 13’ 2"

### Vibrating feeder
- Width x Length (inch): 59” x 11’ 10”

### 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**
- Crushing capacity with asphalt up to approx. (US t/h): 336**
- Crushing capacity with limestone up to approx. (US t/h): 502**

### Vibrating extractor
- Width x Length (inch): 55” x 8’ 6”

### 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
- Transport height approx. (inch): 13’ 6”
- Transport length approx. (inch): 57’ 1”
- Transport width max. (inch): 11’ 10”
- Transport weight approx. (lbs): 165,350

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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" - 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

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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

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