**MOBICAT MC 140 Z**

**TRACK-MOUNTED JAW CRUSHERS**

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

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**TECHNICAL INFORMATION MC 140 Z**

**Feeding unit**
- Feed capacity up to approx. (t/h) \(^1\): 750
- Feed size max. (mm): 1,300 x 1,000
- Feed height (mm): 6,500
- Hopper volume (m\(^3\)): 10
- Width x Length (mm): 3,700 x 4,600

**Vibrating feeder**
- Width x Length (mm): 1,350 x 4,100
- Prescreening:
  - Type: double-deck heavy-piece screen
  - Width x Length (mm): 1,400 x 3,000

**Prescreening**
- Side discharge conveyor (optional)
  - Width x Length (mm): 1,000 x 8,000
  - Discharge height approx. (mm): 4,000

**Crusher**
- Type: Single toggle jaw crusher type
- Crusher inlet width x depth (mm): STR 1,400 x 1,130
- Crusher weight approx. (kg): 54,000
- Crusher drive type, approx. (kW): electric, 200
- Adjustment range of gap width (mm) \(^2\): 110 - 260
- Crusher gap adjustment: hydraulically supported

**Crushing capacity \(^3\)**
- with CSS 130 mm: approx. from - to (t/h): 270 - 340
- with CSS 160 mm: approx. from - to (t/h): 340 - 420
- with CSS 200 mm: approx. from - to (t/h): 430 - 520
- with CSS 250 mm: approx. from - to (t/h): 530 - 650

**Vibrating feeder (optional)**
- Width x Length (mm): 1,400 x 2,600

**Crusher discharge conveyor**
- Width x Length (mm): 1,400 x 12,000
- Width x Length with vibrating extractor (option) (mm): 1,500 x 10,400
- Discharge height approx. (mm): 3,840
- Discharge height with vibrating extractor (option) (mm): 4,300

**Power supply unit**
- Drive concept: diesel-electric
- Scania (Tier 3 / Stage IIIA) (kW): 438 (1,500 rpm)
- Scania (LRC) (kW): 438 (1,500 rpm)
- Generator (kVA): 600

**Weight**
- Total weight without options approx. (kg): 160,000

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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

\(^2\) gap width range can be changed by using special crusher jaws and/or pressure plates

\(^3\) for hard stone, CSS = Close Side Setting

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Standard features:
- Feed hopper
- Frequency-controlled vibrating feeder
- Fill level monitor at crusher inlet
- Radio remote control
- PLC control with LCD display
- Control cabinet, with double dust encapsulation, lockable, suspended and with over pressure system
- Lighting

Options:
- Side discharge conveyor
- Electromagnetic separator, permanent magnet, magnet preparation
- External power supply
- Extended crusher discharge conveyor
- Rock chisel
- Hydraulic folding device for crusher discharge conveyor
- Preparation for installation of belt scale
- Belt covers (aluminium, tarpaulin)
- Remote maintenance using GSM modem
- Socket 110V
- Spray system for dust reduction

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