TECHNICAL INFORMATION  |  TRACK-MOUNTED JAW CRUSHERS

MOBICAT MC 125 Z
# TECHNICAL INFORMATION MC 125 Z

## Feed unit
- **Feed capacity up to approx. (t/h)**: 600, 1,200 x 900, 2,500 x 1,200
- **Feed size max. (mm)**: 5,800 (6,500 / 7,200)
- **Feed height (with extension) (mm)**: 3,250 x 4,500
- **Hopper volume (with extension) (m³)**: 10 (30)

## Vibrating feeder
- **Width x Length (mm)**: 1,200 x 3,500

## Prescreening
- **Type**: double-deck heavy-piece screen
- **Width x Length (mm)**: 1,250 x 3,000

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

## Crusher
- **Single toggle jaw crusher type**: STR 1,250 x 1,000
- **Crusher inlet width x depth (mm)**: 1,250 x 1,000
- **Crusher weight approx. (kg)**: 49,000
- **Crusher drive type, approx. (kW)**: electric, 200
- **Adjustment range of gap width (mm)**: 80 - 250
- **Crusher gap adjustment**: hydraulically supported

## Crushing capacity

<table>
<thead>
<tr>
<th>CSS (mm)</th>
<th>Capacity (t/h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>175 - 230</td>
</tr>
<tr>
<td>130</td>
<td>230 - 295</td>
</tr>
<tr>
<td>160</td>
<td>285 - 360</td>
</tr>
<tr>
<td>200</td>
<td>355 - 445</td>
</tr>
<tr>
<td>250</td>
<td>450 - 550</td>
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</tbody>
</table>

## Vibrating extractor
- **Width x Length (mm)**: 1,200 x 2,600

## Crusher discharge conveyor
- **Width x Length (mm)**: 1,200 x 9,000
- **Width x Length without vibrating extractor (option) (mm)**: 1,200 x 12,000
- **Discharge height approx. (mm)**: 4,200
- **Discharge height without vibrating extractor (option) (mm)**: 4,000

## Power supply unit
- **Drive concept**: diesel-electric
- **Scania (LRC) (kW)**: 364 (1,500 rpm)
- **Scania (Tier 3/Stage IIIA) (kW)**: 364 (1,500 rpm)
- **Generator (kVA)**: 550
- **Total weight without options approx. (kg)**: 130,000

## Standard features:
- Feed hopper
- Frequency-controlled vibrating feeder
- Ultrasonic probe 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:
- Hopper extension
- Side discharge conveyor
- Electromagnetic separator, permanent magnet, magnet preparation
- Extended crusher discharge conveyor instead of vibrating extractor
- Preparation for installation of belt scale
- Belt covers (aluminium, tarpaulin)
- Remote maintenance using GSM modem
- Extension for crusher discharge conveyor (hydraulically foldable)
- External power supply
- Rock chisel
- Socket 110 V
- Spray system for dust reduction

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