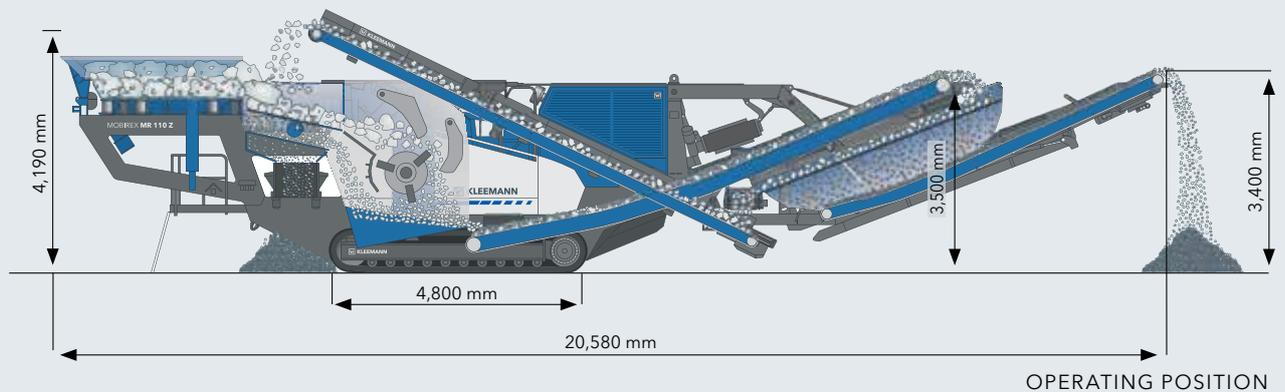


TECHNICAL INFORMATION | TRACK-MOUNTED IMPACT CRUSHERS

# MOBIREX MR 110 Z/110 Zi EVO2





## TECHNICAL HIGHLIGHTS

- Optimised material flow as a result of extending system widths
- Hydraulic gap setting
- Efficient and powerful diesel-direct drive
- High-performance secondary screening unit with oversize grain returning (option)

## TECHNICAL INFORMATION MR 110 Z/110 Zi EVO2

### Feeding unit

|  |                               |
|--|-------------------------------|
| Feed capacity up to approx. (t/h) <sup>1)</sup>  | 350                           |
| Feed size max. (mm)                              | 900 x 880                     |
| Feed height (with extension) (mm)                | 4,190 (4,547)                 |
| Hopper volume (with extension) (m <sup>3</sup> ) | 4.5 (8.0)                     |
| Width x Length (with extension) (mm)             | 2,100 x 3,700 (2,800 x 3,750) |

### Vibrating feeder

|                     |             |
|---------------------|-------------|
| Width x Length (mm) | 900 x 2,600 |
|---------------------|-------------|

### Prescreening

|                     |                                |
|---------------------|--------------------------------|
| Type                | double-deck heavy-piece screen |
| Width x Length (mm) | 1,010 x 2,100                  |

### Side discharge conveyor (optional)

|  |                     |
|--|---------------------|
| Width x Length (extended) (mm)           | 650 x 4,000 (6,000) |
| Discharge height approx. (extended) (mm) | 2,900 (3,650)       |

### Crusher

|  |                                      |
|--|--------------------------------------|
| Impact crusher type  | SHB 110-080                          |
| Crusher inlet width x height (mm)                              | 1,100 x 800                          |
| Crusher weight approx. (kg)                                    | 13,000                               |
| Rotor diameter (mm)  | 1,100                                |
| Crusher drive type, approx. (kW)                               | direct, 260                          |
| Adjustment of impact toggles                                   | infinitely variable, fully hydraulic |
| Crushing capacity with demolished concrete up to approx. (t/h) | 240 <sup>2)</sup>                    |
| Crushing capacity with rubble up to approx. (t/h)              | 240 <sup>2)</sup>                    |
| Crushing capacity with broken asphalt up to approx. (t/h)      | 205 <sup>3)</sup>                    |
| Crushing capacity with limestone up to approx. (t/h)           | 265 <sup>2)</sup>                    |

### Vibrating extractor

|                     |               |
|---------------------|---------------|
| Width x Length (mm) | 1,200 x 2,400 |
|---------------------|---------------|

### Crusher discharge conveyor

|  |                        |
|--|------------------------|
| Width x Length (extended) (mm)           | 1,200 x 9,300 (11,000) |
| Discharge height approx. (extended) (mm) | 3,500 (4,100)          |

### Power supply unit

|  |                        |
|--|------------------------|
| Drive concept                                    | diesel-direct-electric |
| MR 110 Z EVO2: Scania (Tier 3 / Stage IIIA) (kW) | 371 (1,800 rpm)        |
| Scania (LRC) (kW)                                | 410 (1,800 rpm)        |
| MR 110 Zi EVO2: Scania (Tier 4f / Stage IV) (kW) | 331 (1,800 rpm)        |
| Generator (kVA)                                  | 135                    |

### Secondary screening unit (optional)

|  |                                |
|--|--------------------------------|
| Type   | single-deck lightweight screen |
| Width x Length (mm)  | 1,350 x 4,550                  |
| Return conveyor (mm)   | 500 x 9,100                    |
| Discharge height of fine grain discharge conveyor approx. (mm) | 3,400                          |

### Transport <sup>4)</sup>

|   |                 |
|---|-----------------|
| Transport height approx. (mm)                               | 3,600           |
| Transport length without (with) screening unit approx. (mm) | 17,400 (21,100) |
| Transport width max. (mm)                                   | 3,000           |
| Transport weight without (with) screening unit approx. (kg) | 43,900 (52,000) |
| Transport weight of screening unit approx. (kg)             | 5,500           |

<sup>1)</sup> dependent on the type and composition of the feed material, the feed size, the prescreening, as well as the desired final grain size

<sup>2)</sup> for final grain size 0 - 45 mm with approx. 10 - 15% oversize grain

<sup>3)</sup> for final grain size 0 - 32 mm with approx. 10 - 15% oversize grain

<sup>4)</sup> no options

**Standard features:** Hydraulically foldable feed hopper, can be operated from the ground / Frequency-controlled vibrating feeder / Frequency-controlled prescreen / Radio remote control / Control with touch panel / Lockable control cabinet, protected against dust and vibrations / Automatic gap setting / Integrated overload protection / Lock & Turn / Swivel arm for changing blow bars / Eye hooks / Spray system for dust reduction / Standard climate package / Lighting

**Options:** Hopper extension / Side discharge conveyor, can be mounted on left or right / Extended side discharge conveyor / Electromagnetic separator, permanent magnet or magnet preparation / Extended crusher discharge conveyor (hydraulically foldable) / Secondary screening unit, in comfortable container dimension, suitable for hook and lift / Belt scale / Belt cover for side discharge conveyor (aluminium, tarpaulin) / Socket 110 V / Track pads for the crawler chassis to protect subsurface / Climate packages: Hot or cold package