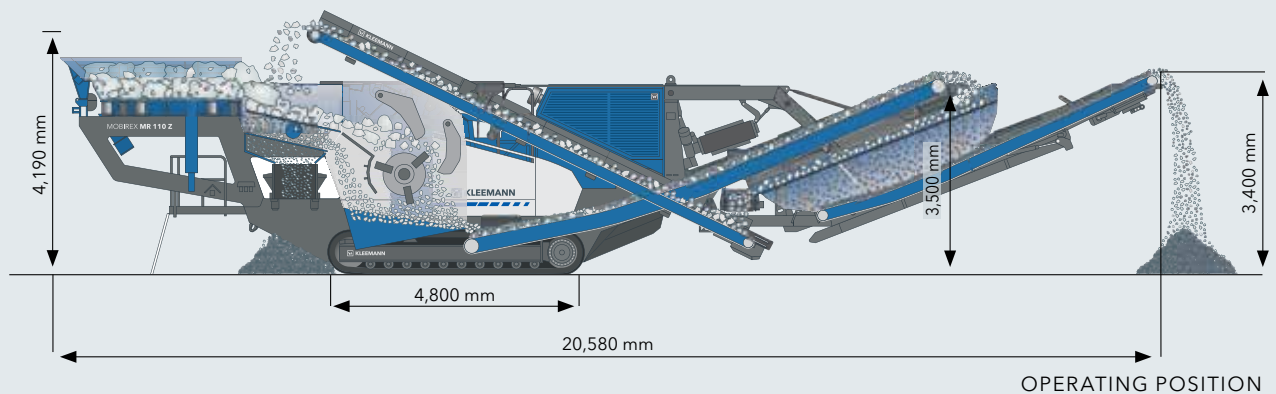




TECHNICAL INFORMATION | TRACK-MOUNTED IMPACT CRUSHERS

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)

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Feeding unit

Feed capacity up to approx. (t/h) ¹⁾	350
Feed size max. (mm)	900 x 880
Feed height (with extension) (mm)	4,190 (4,547)
Hopper volume (with extension) (m³)	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
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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 ²⁾
Crushing capacity with rubble up to approx. (t/h)	240 ²⁾
Crushing capacity with broken asphalt up to approx. (t/h)	205 ³⁾
Crushing capacity with limestone up to approx. (t/h)	265 ²⁾

Vibrating extractor

Width x Length (mm)	1,200 x 2,400
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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 ⁴⁾

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

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⁾ 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