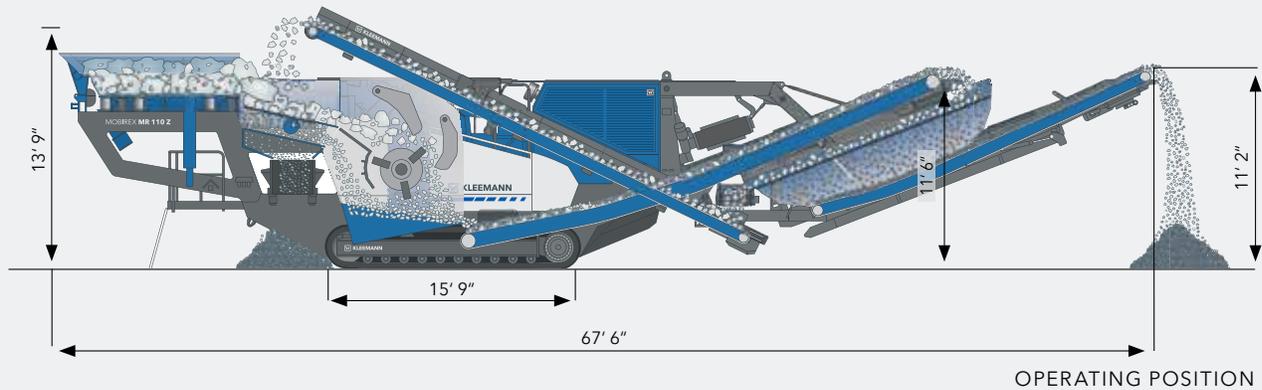


TECHNICAL INFORMATION | TRACK-MOUNTED IMPACT CRUSHERS

MOBIREX MR 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 Zi EVO2 - US SPEC

Feeding unit

Feed capacity up to approx. (US t/h) ¹⁾	386
Feed size max. (inch)	36" x 35"
Feed height (with extension) (inch)	13' 9" (14' 11")
Hopper volume (with extension) (yd ³)	5.9 (10.5)
Width x Length (with extension) (inch)	6' 11" x 12' 2" (9' 2" x 12' 4")

Vibrating feeder

Width x Length (inch)	36" x 8' 6"
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Prescreening

Type	double-deck heavy-piece screen
Width x Length (inch)	40" x 6' 11"

Side discharge conveyor (optional)

Width x Length (extended) (inch)	26" x 13' 2" (19' 8")
Discharge height approx. (extended) (inch)	9' 4" (12')

Crusher

Impact crusher type	SHB 110-080
Crusher inlet width x height (inch)	44" x 32"
Crusher weight approx. (lbs)	28,660
Rotor diameter (inch)	44"
Crusher drive type, approx. (hp)	direct, 348
Adjustment of impact toggles	infinitely variable, fully hydraulic

Crushing capacity with demolished concrete up to approx. (US t/h)	265 ²⁾
Crushing capacity with rubble up to approx. (US t/h)	265 ²⁾
Crushing capacity with broken asphalt up to approx. (US t/h)	226 ³⁾
Crushing capacity with limestone up to approx. (US t/h)	292 ²⁾

Vibrating extractor

Width x Length (inch)	48" x 7' 11"
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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 / Lighting / Side discharge conveyor, can be mounted on left or right / Basic preparation of magnet, with permanent magnet separator / Secondary screening unit, in comfortable container dimension, suitable for hook and lift

Options: Hopper extension / Extended side discharge conveyor / Extended crusher discharge conveyor (hydraulically foldable) / Belt scale / Belt cover for side discharge conveyor (aluminium, tarpaulin) / Electromagnetic separator / Socket 110 V / Track pads for the crawler chassis to protect subsurface / Climate packages: Hot or cold package

Crusher discharge conveyor

Width x Length (extended) (inch)	48" x 30' 6" (36' 1")
Discharge height approx. (extended) (inch)	11' 6" (13' 5")

Power supply unit

Drive concept	direct drive via fluid coupling and electric system
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Scania (Tier 4f / Stage IV) (hp)	444
Generator (kVA)	135

Secondary screening unit (optional)

Type	single-deck lightweight screen
Width x Length (inch)	53" x 14' 11"
Return conveyor (inch)	20" x 29' 10"
Discharge height of fine grain discharge conveyor approx. (inch)	11' 2"

Transport⁴⁾

Transport height approx. (inch)	11' 10"
Transport length without (with) screening unit approx. (inch)	55' 11" (69' 3")
Transport width max. (inch)	9' 10"
Transport weight with screening unit approx. (lbs)	120,150
Transport weight of screening unit approx. (lbs)	12,125

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" - 1.8" with approx. 10 - 15% oversize grain

³⁾ for final grain size 0" - 1.3" with approx. 10 - 15% oversize grain

⁴⁾ no options