



CONTRACTOR LINE

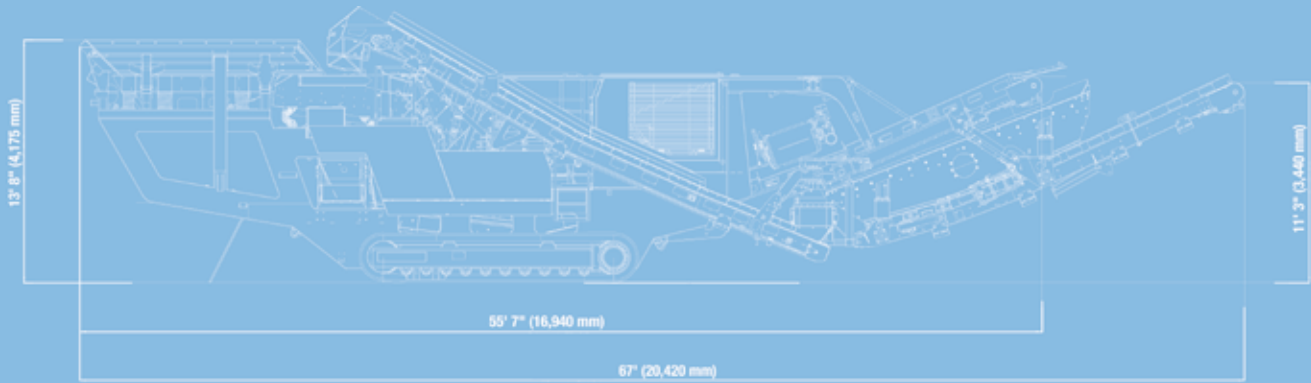
MOBIREX MR 110 Z EVO

TECHNICAL SPECIFICATIONS

■ TRACK-MOUNTED IMPACT CRUSHER



Side view MR 110 Z EVO operating position



TECHNICAL SPECIFICATIONS MR 110 Z EVO

Feeding hopper		Main discharge conveyor	
Feed capacity up to approx. ¹⁾	350 t/h	Width x length	48' x 30' 10" (1,200 x 9,400 mm)
Feed size max.	36" x 24" (900 mm x 600 mm)	Discharge height approx.	11' 6" (3,500 mm)
Feed height	13' 8" (4,175 mm)	Crawler chassis	
Hopper capacity	5.2 yd ³ (4 m ³) Optional - 9.2 yd ³ (7 m ³)	Type	D6
Vibrating feeder		Drive	
Width x length	36" x 9' 2" (900 mm x 2,800 mm)	Drive concept	diesel-direct drive
Independent pre screen		Engine power - Caterpillar C-13 (USA)	359 HP (268 kW)
Type	double-deck heavy-duty screen	Engine power - Scania DC-12	400 HP (298 kW)
Width x length	40" x 7' 3" (1,000 mm x 2,200 mm)	Screening unit	
Fines conveyor		Type	single-deck vibrating screen
Width x length	26" x 13' 2" (650 mm x 4,000 mm) Optional - 26" x 19' 8" (650 mm x 6,000 mm)	Width x length	53" x 14' 9" (1,350 x 4,500 mm)
Discharge height approx. / Optional	9' (2,750 mm) / 11' 6" (3,500 mm)	Discharge height oversize conveyor approx.	14' 1" (4,300 mm)
Crusher		Discharge height fines conveyor approx.	11' 3" (3,440 mm)
Impact crusher type	SHB 110-080	Transport	
Crusher inlet width x height	44" x 32" (1,120 mm x 800 mm)	Transport height approx.	11' 10" (3,600 mm)
Crusher weight approx.	28,200 lbs (12,800 kg)	Transport length without screening unit approx.	55' 7" (16,940 mm)
Rotor diameter	44" (1,100 mm)	with screening unit approx.	67' (20,420 mm)
Crusher drive approx.	direct, 241 hp (180 kW)	Transport width without/with screening unit	9' 10" (3,000 mm)
Impact toggles adjustment	infinitely variable fully hydraulic	Transport weight without screening unit	97,000 lbs (44,000 kg)
Crushing capacity concrete rupture up to approx. ²⁾	250 t/h	with screening unit	112,440 lbs (51,000 kg)
Crushing capacity rubble up to approx. ³⁾	300 t/h	¹⁾ depending on the kind and composition of feeding material, feeding size, kind of primary screening and size of end product	
Crushing capacity asphalt up to approx. ⁴⁾	250 t/h	²⁾ final grain size 0-1.8" (0-45 mm) with approx. 10-15% oversize	
Crushing capacity limestone up to approx. ⁵⁾	300 t/h	³⁾ final grain size 0-1.3" (0-32 mm) with approx. 10-15% oversize	
Vibrating discharge chute		⁴⁾ final grain size 0-1.8" (0-45 mm) with approx. 10-15% oversize	
Width x length	48" x 8' 6" (1,200 mm x 2,600 mm)	⁵⁾ final grain size 0-1.8" (0-45 mm) with approx. 10-15% oversize	

Basic equipment: Hydraulically folding hopper walls / Vibrating feeder with variable speed drive / Remote control / PLC control system with touch panel and menu navigation / Electrical cabinet double dust protected, lockable, air-suspended, with overpressure system

Options: Hopper extension / Lateral fines conveyor / Swivelling arm to change blow bars / Electric magnetic separator / Permanent magnetic separator / Preparation for magnetic separator / Low pressure spraying system / Preparation for belt weigher / Belt covers out of aluminium or canvas / Remote maintenance system via GSM-Modem

Due to the continuing development of our MOBIREX plants, all technical data are subject to change without prior notice.



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