



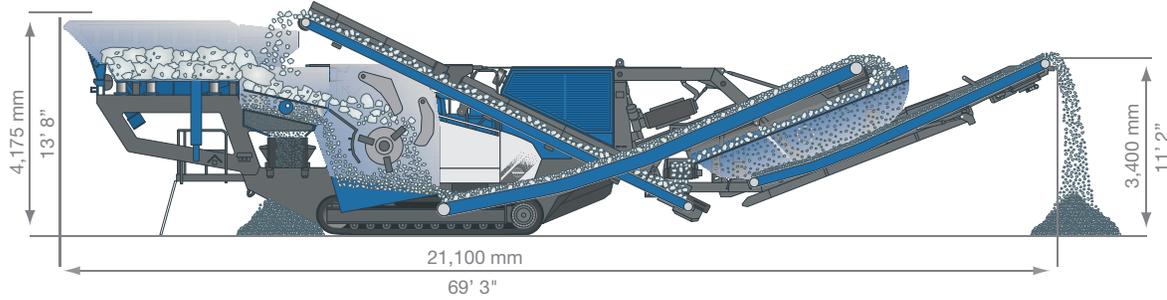
CONTRACTOR LINE

MOBIREX MR 110 Zi EVO 2

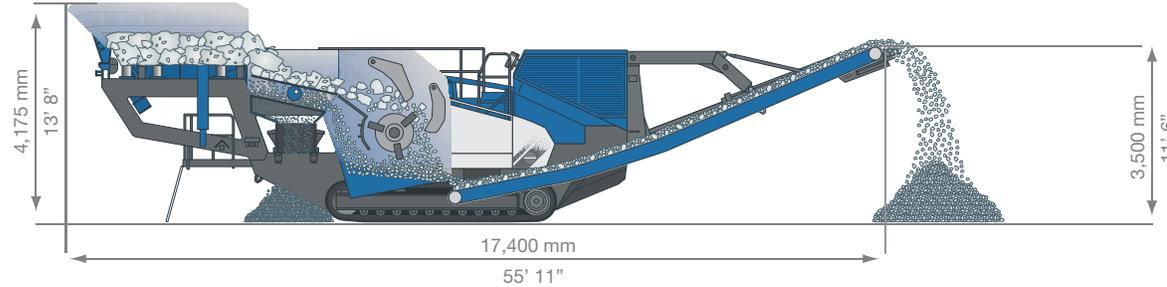
TECHNICAL SPECIFICATIONS

■ TRACK-MOUNTED IMPACT CRUSHER

MR 110 ZSi EVO 2



MR 110 Zi EVO 2



TECHNICAL HIGHLIGHTS

- >> Optimized material flow: expansion of the system in the direction of material flow
- >> Hydraulic gap adjustment
- >> Low fuel consumption due to efficient direct drive
- >> Option: final screen with oversize return conveyor

TECHNICAL SPECIFICATIONS MR 110 Zi EVO 2

Feeding unit			Vibrating feeder			Primary screening			Side discharge conveyor (optional)			Crusher			Vibrating discharge chute			Main discharge conveyor			Crawler chassis			Drive			Screening unit (optional)			Transport ⁴⁾					
Feed capacity up to approx. ¹⁾	350 t/h	386 US t/h	Width x length	900 x 2,800 mm	36" x 9' 2"	Type	double-deck heavy-duty screen		Width x length (extended)	650 x 4,000 mm (6,000 mm)	26" x 13' 2" (19' 8")	Impact crusher type	SHB 110-080		Width x length	1,200 x 2,400 mm	48" x 7' 11"	Width x length (extended)	1,200 x 9,300 mm (11,000 mm)	48" x 30' 6" (36' 1")	Type	B60		Drive concept	diesel-electric-direct drive		Type	single-deck vibrating screen		Transport height approx.	3,600 mm	11' 10"			
Feed size max.	900 x 600 mm	36" x 24"	Width x length	1,000 x 2,200 mm	40" x 7' 3"	Crusher inlet width x height	1,100 x 800 mm	44" x 32"	Discharge height approx. (extended)	2,850 mm (3,650 mm)	9' 4" (12")	Crusher weight approx.	12,600 kg	27,800 lbs	Discharge height approx. (extended)	3,500 mm (4,065 mm)	11' 6" (13' 4")	Return conveyor approx.	500 x 9,100 mm	20" x 29' 10"	Drive			Scania DC-13 (stage 4f) at 1,800 rpm	371 kW	497 hp	Width x length	1,350 x 4,500 mm	53" x 14' 9"	Transport length without (with) screening unit approx.	17,400 mm (21,100 mm)	55' 11" (69' 3")			
Feed height (with extension)	4,175 mm (4,550 mm)	13' 8" (14' 11")	Hopper capacity (with extension)	4 m ³ (7 m ³)	5.2 yd ³ (9.2 yd ³)	Rotor diameter	1,100 mm	44"	Crushing capacity demolished concrete up to approx. ²⁾	250 t/h	276 US t/h	Crusher drive approx.	direct, 260 kW	direct, 348 hp	Discharge height fines conveyor approx.	3,400 mm	11' 2"	Discharge height approx.	3,400 mm	11' 2"	Screening unit (optional)			Scania DC-13 (stage 4f) at 1,800 rpm	371 kW	497 hp	Return conveyor approx.	500 x 9,100 mm	20" x 29' 10"	Transport width without (with) screening unit approx.	3,000 mm (3,150 mm)	9' 10" (10' 4")	Transport weight without (with) screening unit approx.	43,900 kg (52,000 kg)	96,800 lbs (114,600 lbs)
Width x length (with extension)	2,100 x 3,700 mm (2,800 x 3,750 mm)	6' 11" x 12' 2" (9' 2" x 12' 4")				Impact toggles adjustment	infinitely variable fully hydraulic		Crushing capacity rubble up to approx. ²⁾	300 t/h	331 US t/h	Crushing capacity asphalt up to approx. ³⁾	250 t/h	276 US t/h	Transport weight screening unit approx.	5,500 kg	12,125 lbs	Crushing capacity limestone up to approx. ²⁾	300 t/h	331 US t/h	Transport ⁴⁾			Scania DC-13 (stage 4f) at 1,800 rpm	371 kW	497 hp	Discharge height approx.	3,400 mm	11' 2"	Transport weight without (with) screening unit approx.	43,900 kg (52,000 kg)	96,800 lbs (114,600 lbs)	Transport weight screening unit approx.	5,500 kg	12,125 lbs

¹⁾ depending on the kind and composition of feeding material, feeding size, kind of primary screening and size of end product
²⁾ final grain size 0-45 mm (1.8") with approx. 10-15% oversize
³⁾ final grain size 0-32 mm (1.3") with approx. 10-15% oversize
⁴⁾ without options

Basic equipment: hydraulically folding hopper walls, operable from the ground / vibrating feeder with variable speed drive / remote control / electrical unit with PLC and touch panel / electrical cabinet double dust protected, lockable, vibration-absorbed / automatic gap adjustment / integrated overload protection / Lock & Turn (rotor locking and turning device)

Options: hopper extension / side discharge conveyor, right or left side / extended side discharge conveyor / swivel arm to change blow bars / electric magnetic separator / permanent magnetic separator / preparation for magnetic separator / extended main discharge conveyor / hydraulic folding device for extended main discharge conveyor / final screening unit, in compact container dimensions, hook- lift suited / low pressure spray system for dust reduction / belt weigher / belt covers for conveyors out of aluminium or canvas / lifting points for crane lifting / lighting / 110 V socket

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



WIRTGEN AMERICA

6030 Dana Way
 Antioch, TN 37013 USA
 Phone: (615) 501-0602
 Fax: (615) 501-0692
www.wirtgenamerica.com