

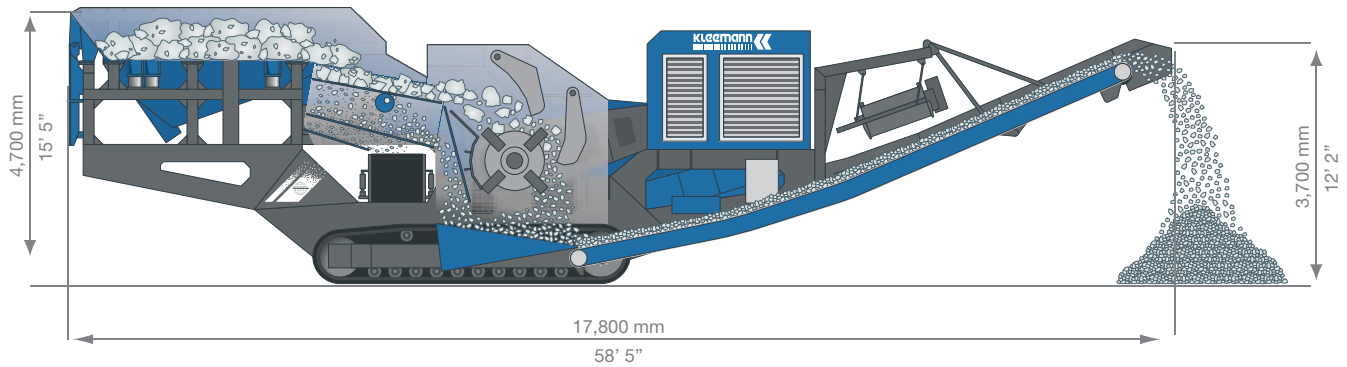


QUARRY LINE

# MOBIREX MR 122 Z

TECHNICAL SPECIFICATIONS

■ TRACK-MOUNTED IMPACT CRUSHER



### TECHNICAL HIGHLIGHTS

- >> Vibrating feeder with variable speed drive
- >> Diesel-electrical drive
- >> Possibility of external power supply (option)
- >> Independent double-deck pre screen

## TECHNICAL SPECIFICATIONS MR 122 Z

<b>Feeding unit</b>			Crushing capacity asphalt up to approx. <sup>3)</sup>	280 t/h	309 US t/h
Feed capacity up to approx. <sup>1)</sup>	450 t/h	496 US t/h	Crushing capacity limestone up to approx. <sup>4)</sup>	380 t/h	419 US t/h
Feed size max.	1,200 x 800 mm	48" x 32"	<b>Vibrating discharge chute</b>		
Feed height	4,700 (5,200) mm	15' 5" (17' 1")	Width x length	1,300 x 2,600 mm	52" x 8' 6"
Hopper capacity (optional)	8 (15) m <sup>3</sup>	10.5 yd <sup>3</sup> (19.6 yd <sup>3</sup> )	<b>Main discharge conveyor</b>		
<b>Vibrating feeder</b>			Width x length	1,400 x 10,000 mm	55" x 32' 10"
Width x length	1,200 x 3,500 mm	48" x 11' 6"	Discharge height approx.	3,700 mm	12' 2"
<b>Primary screening</b>			<b>Crawler chassis</b>		
Type	double-deck heavy-duty screen		Type	D7	
Width x length	1,200 x 2,250 mm	48" x 7' 5"	<b>Drive</b>		
<b>Fines conveyor (optional)</b>			Drive concept	diesel-electric drive	
Width x length	650 x 6,000 mm	26" x 19' 8"	Scania DC-13 <sup>6)</sup>	364 kW	488 hp
Discharge height approx.	3,500 mm	11' 6"	Caterpillar C-13	354 kW	475 hp
<b>Crusher</b>			<b>Transport</b>		
Impact crusher type	SHB 12/100		Transport height approx. <sup>5)</sup>	4,100 mm	13' 6" <sup>5)</sup>
Crusher inlet width x height	1,270 x 1,000 mm	50" x 40"	Transport length approx.	17,800 mm	58' 5"
Crusher weight approx.	19,500 kg	42,900 lbs	Transport width approx.	3,085 mm	10' 1"
Rotor diameter	1,300 mm	52"	Transport weight approx.	65,000 kg	143,300 lbs
Range of setting (upper impact toggle)	70 - 365 mm	2.7" - 1' 2"	<sup>1)</sup> depending on the kind and composition of feeding material, feeding size, kind of primary screening and size of end product.		
Range of setting (lower impact toggle)	0 - 100 mm	0 - 4"	<sup>2)</sup> at a final grain size of 0 - 56 mm (2.2"), incl. 10 - 15 % oversize		
Crusher drive approx.	electric, 250 kW	electric, 335 hp	<sup>3)</sup> at a final grain size of 0 - 32 mm (1.3"), incl. 10 - 15 % oversize		
Crushing capacity concrete/rubble up to approx. <sup>2)</sup>	280 t/h	309 US t/h	<sup>4)</sup> at a final grain size of 0 - 100 mm (4"), incl. 5 - 10 % oversize		
			<sup>5)</sup> transport height on flat bed trailer		
			<sup>6)</sup> emission standard: LRC and stage 3a. For countries with other regulations please contact Kleemann		

**Basic equipment:** Hydraulically folding hopper walls / Vibrating feeder with variable speed drive / Remote control / PLC control system with LCD display / 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 / Low pressure spraying system / Belt covers out of aluminium or canvas / Remote maintenance system via GSM-Modem / Lighting

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