



QUARRY LINE

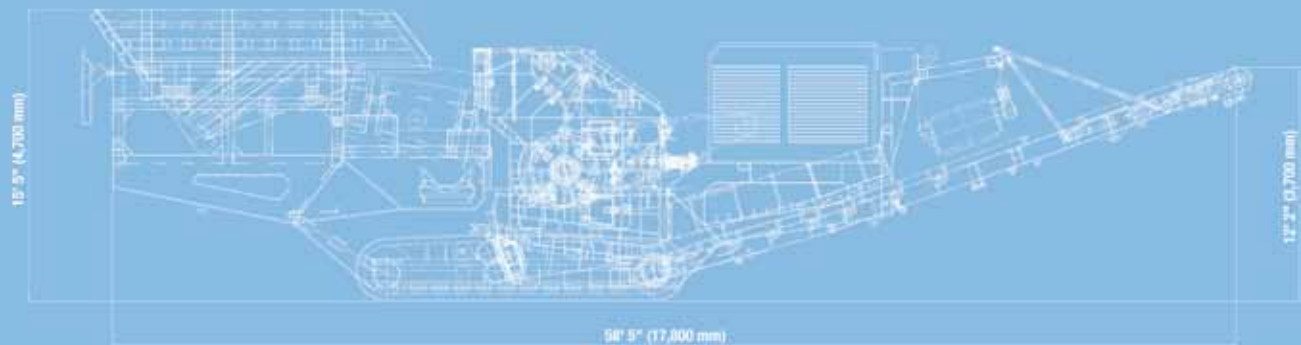
# MOBIREX MR 122 Z

TECHNICAL SPECIFICATIONS

■ TRACK-MOUNTED IMPACT CRUSHER



Side view MR 122 Z operating position



TECHNICAL SPECIFICATIONS MR 122 Z

<b>Feeding hopper</b>		<b>Vibrating discharge chute</b>	
Feeding capacity up to approx. <sup>1)</sup>	450 t/h	Width x length	52" x 8' 6" (1,300 x 2,600 mm)
Feeding size max.	48" x 32" (1,200 x 800 mm)	<b>Main discharge conveyor</b>	
Feeding height	15' 5" (4,700 mm)	Width x length	55" x 32' 10" (1,400 x 10,000 mm)
Hopper capacity / optional	10.5 yd <sup>3</sup> (8 m <sup>3</sup> ) / 14.4 yd <sup>3</sup> (11 m <sup>3</sup> )	Discharge height approx.	12' 2" (3,700 mm)
<b>Vibrating feeder</b>		<b>Crawler chassis</b>	
Width x length	48" x 11' 6" (1,200 x 3,500 mm)	Type	D7
<b>Independent pre screen</b>		<b>Drive</b>	
Type	Double-deck heavy-duty screen	Drive concept	diesel-electric drive
Width x length	48" x 7' 5" (1,200 x 2,250 mm)	Engine power - Caterpillar C-13 (USA)	475 hp (354 kW)
<b>Fines conveyor (optional)</b>		Engine power - Scania DC-12	481 hp (359 kW)
Width x length	26" x 19' 8" (650 x 6,000 mm)	<b>Transport</b>	
Discharge height approx.	10' 10" (3,300 mm)	Transport height approx.	11' 8" (3,550 mm)
<b>Crusher</b>		Transport length approx.	58' 5" (17,800 mm)
Impact crusher type	SHB 12/100	Transport width approx.	9' 10" (3,000 mm)
Crusher inlet width x height	50" x 40" (1,270 x 1,000 mm)	Transport weight approx.	143,300 lbs (65,000 kg)
Crusher weight approx.	42,900 lbs (19,500 kg)		
Rotor diameter	52" (1,300 mm)		
Crusher drive approx.	electric, 335 hp (250 kW)		
Crushing capacity concrete/rubble up to approx. <sup>2)</sup>	280 t/h		
Crushing capacity asphalt up to approx. <sup>3)</sup>	200 t/h		
Crushing capacity limestone up to approx. <sup>4)</sup>	330 t/h		

<sup>1)</sup> depending on the kind and composition of feeding material, feeding size, kind of primary screening and size of end product.

<sup>2)</sup> at a final grain size of 0 - 2.2" (0 - 56 mm), incl. 10 - 15% oversize

<sup>3)</sup> at a final grain size of 0 - .875" (0 - 22 mm), incl. 10 - 15% oversize

<sup>4)</sup> at a final grain size of 0 - 2.2" (0 - 56 mm), incl. 5 - 10% oversize

**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 / 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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