



QUARRY LINE

# MOBIREX MR 170 Z

TECHNICAL SPECIFICATIONS

■ TRACK-MOUNTED IMPACT CRUSHER



Side view MR 170 Z



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<b>Feeding hopper</b>		<b>Vibrating discharge chute</b>	
Feed capacity up to approx. <sup>1)</sup>	700 t/h	Width x length	59" x 8' 6" (1,500 x 2,600 mm)
Feed size max.	59" x 32" (1,500 x 800 mm)	<b>Main discharge conveyor</b>	
Feed height	16' 3" (4,950 mm)	Width x length	63" x 32' 10" (1,600 x 10,000 mm)
Hopper capacity	9.8 yd <sup>3</sup> (7,5 m <sup>3</sup> )	Discharge height approx.	12' 10" (3,920 mm)
<b>Vibrating feeder</b>		<b>Crawler chassis</b>	
Width x length	59" x 11' 10" (1,500 x 3,600 mm)	Type	D7E
<b>Independent pre screen</b>		<b>Drive</b>	
Type	double-deck heavy-duty screen	Drive concept	diesel-electric drive
Width x length	60" x 11' 6" (1,550 x 3,500 mm)	Engine power - Caterpillar C-18 (USA)	640 hp (477 kW)
<b>Fines conveyor (optional)</b>		Engine power - Scania DC-16	656 hp (489 kW)
Width x length	40" x 26' 3" (1,000 x 8,000 mm)	<b>Weight</b>	
Discharge height approx.	12' 2" (3,700 mm)	Operating weight without options	209,400 lbs (95,000 kg)
<b>Crusher</b>			
Impact crusher type	SHB 17/100 or SHH 17		
Crusher inlet width x height	65" x 40" (1,660 x 1,010 mm) or 65" x 67" (1,660 x 1,700 mm)		
Crusher weight approx.	61,200 lbs (27,800 kg) or 74,900 lbs (34,000 kg)		
Rotor diameter	53" (1,330 mm)		
Crusher drive approx.	electric, 476 hp (355 kW)		
Crushing capacity limestone up to approx. <sup>2)</sup>	600 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 - 4" (0 - 100 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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