



QUARRY LINE

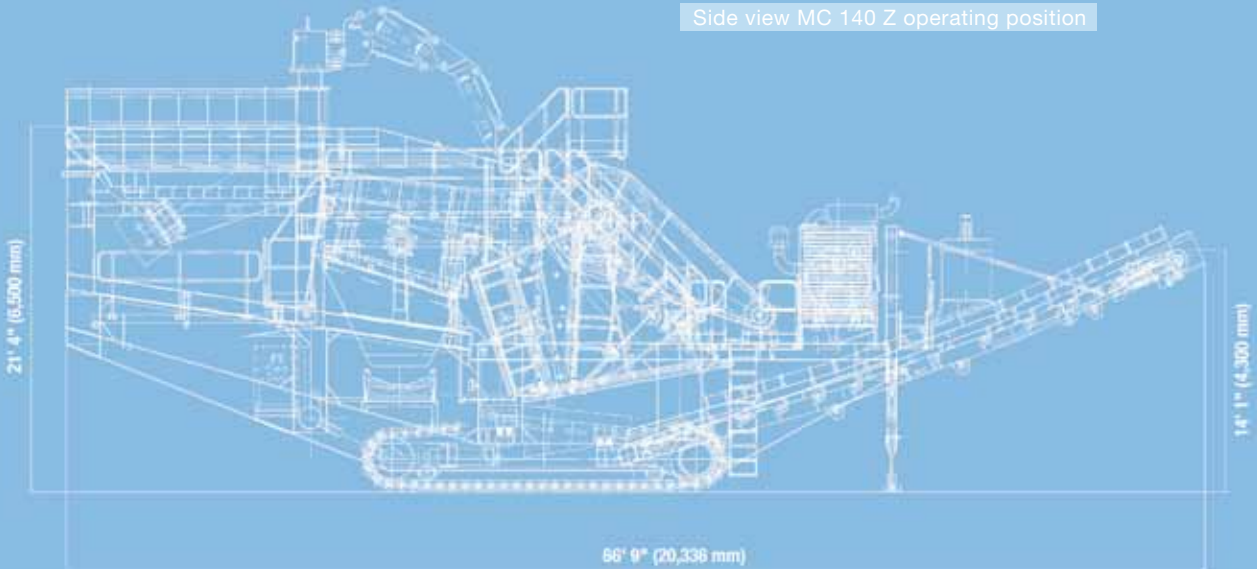
MOBICAT MC 140 Z

TECHNICAL SPECIFICATIONS

■ TRACK-MOUNTED JAW CRUSHER



Side view MC 140 Z operating position



TECHNICAL SPECIFICATIONS MC 140 Z

Feeding hopper		Crushing capacity ³⁾	
Feed capacity up to approx. ¹⁾	700 t/h	At CSS 5.1" (130 mm): approx. from - to	280 - 350 t/h
Feed size max.	52" x 40" (1,300 x 1,000 mm)	At CSS 6.3" (160 mm): approx from - to	350 - 430 t/h
Feed height	21' 4" (6,500 mm)	At CSS 7.9" (200 mm): approx. from - to	440 - 530 t/h
Hopper capacity	19.6 yd ³ (15 m ³)	At CSS 9.8" (250 mm): approx. from - to	550 - 650 t/h
Vibrating feeder		Vibrating discharge chute (optional)	
Width x length	53" x 13' 6" (1,350 x 4,100 mm)	Width x length	55" x 8' 6" (1,400 x 2,600 mm)
Independent pre screen		Main discharge conveyor	
Type	double-deck heavy-duty screen	Width x length ⁴⁾	55" x 39' 4" (1,400 x 12,000 mm)
Width x length	55" x 9' 10" (1,400 x 3,000 mm)	Discharge height approx.	14' 1" (4,300 mm)
Fines conveyor (optional)		Crawler chassis	
Width x length	40" x 26' 3" (1,000 x 8,000 mm)	Type	D8H
Discharge height approx.	13' 2" (4,000 mm)	Drive	
Crusher		Drive concept	diesel-electric drive
Single toggle jaw crusher type	SSIR 1400	Engine power - Caterpillar C-18 (USA)	481 hp (359 kW)
Crusher inlet width x depth	55" x 45" (1,400 x 1,130 mm)	Engine power - Scania DC-12	535 hp (399 kW)
Crusher weight approx.	119,000 lbs (54,000 kg)	Weight	
Crusher drive approx.	electric, 268 hp (200 kW)	Operating weight without options	308,600 lbs (140,000 kg)
Range of setting ²⁾	5.5" - 8.7" (140 - 220 mm)	¹⁾ depending on the kind and composition of feeding material, feeding size, kind of primary screening and size of end product. ²⁾ the range of gap setting can be altered by using different toggle plates and/or jaw plates ³⁾ for hard rock, CSS = Close Side Setting ⁴⁾ with option "vibrating discharge chute", main discharge conveyor will be shorter	
Gap setting	hydraulically assisted		

Basic equipment: Hydraulically folding hopper walls / Vibrating feeder with variable speed drive / Light barrier on the crusher inlet / Full remote control / PLC control system with LCD display / Electric cabinet with two housings, lockable, overpressure system and air mounted

Options: Hopper extension / Lateral fines conveyor / Electric 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 MOBICAT plants, all technical data are subject to change without prior notice.



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