

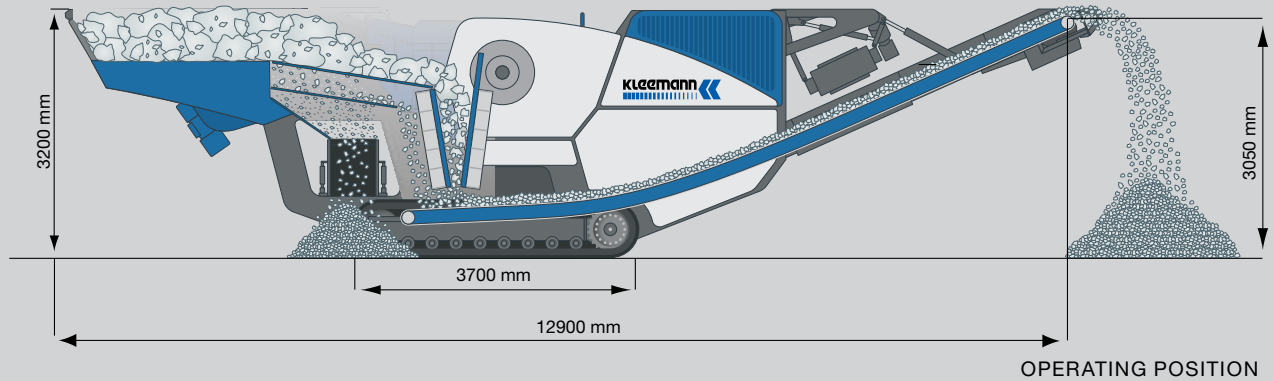


CONTRACTOR LINE

MOBICAT MC 100 R EVO

TECHNICAL SPECIFICATIONS

■ TRACK-MOUNTED JAW CRUSHER



TECHNICAL HIGHLIGHTS

>> Continuous crusher feed through the innovative feed control CFS
>> Innovative crusher unblocking system for extremely short downtimes

>> Simple operation thanks to menu-guided touch panel
>> Efficient and powerful diesel direct drive

TECHNICAL SPECIFICATIONS MC 100 R EVO

Feeding unit		Main discharge conveyor	
Feed capacity up to approx. [t/h] ¹⁾	200	Width x length (extended) [mm]	800 x 8,600 (10,100)
Feed size max. [mm]	900 x 500	Discharge height (extended) approx. [mm]	3,050 (3,660)
Feed height (with extension) [mm]	3,200 (3,720)	Crawler chassis	
Width x length (with extension) [mm]	1,900 x 3,200 (2,800 x 2,800)	Type	D3 C
Hopper capacity (with extension) [m ³]	4.5 (7.5)	Drive	
Vibrating feeder with integrated pre screen		Drive concept	diesel-direct-electric drive
Width x length [mm]	870 x 2,140	Powerpack Deutz (3a) at 1500 rpm [kW]	165
Side discharge conveyor (optional) ²⁾		Powerpack Deutz (Tier 4) at 1500 rpm [kW]	155
Width x length (extended) [mm]	500 x 2,700 (5,000)	Generator [kVA]	85
Discharge height (extended) approx. [mm]	2,110 (3,000)	Transport ⁵⁾	
Crusher		Transport height approx. [mm]	3,200
Single toggle jaw crusher type	Str 950 x 550	Transport length approx. [mm]	12,900
Crusher inlet width x depth [mm]	950 x 550	Transport width max. [mm]	2,800
Crusher weight approx. [kg]	12,000	Transport weight approx. [kg]	30,000
Crusher drive	direct	¹⁾ depending on the kind and composition of feeding material, feeding size, kind of primary screening and size of end product. ²⁾ side discharge conveyor remains on the machine for transport ³⁾ CSS: Tip - Bottom; the range of gap setting can be altered by using different pressure plates and/or crusher jaws ⁴⁾ for hard rock, CSS = Close Side Setting ⁵⁾ without options	
Range of setting [mm] ³⁾	0 - 180		
Gap setting	fully hydraulic		
Crushing capacity ⁴⁾			
Crushing capacity at CSS = 60 mm up to approx. [t/h]	80 - 95		
Crushing capacity at CSS = 85 mm up to approx. [t/h]	105 - 130		

Basic equipment: integrated hopper walls / vibrating feeder with variable speed drive / remote control / electrical unit with SPS and touch panel / electrical cabinet double dust protected, lockable, vibration-absorbed / lifting points for crane lifting / low pressure spray system for dust reduction

Options: hopper extension / side discharge conveyor, right or left side / extended side discharge conveyor / electro magnet / permanent magnet / preparation for magnetic separator / div. jaw crusher profiles / extended main discharge conveyor / hydraulic folding device for extended main discharge conveyor / device for interlinking with other Kleemann plants / lighting / crusher unblocking system / CFS: Continuous Feed System / 110 V socket / additional platform for better accessibility / track pads for crawler chassis to protect the ground / climate control package standard, arctic or heat