

Technical Information

# MOBIREX MR 130i EVO2



## Track-mounted impact crusher

For use in natural stone and recycling

## MOBIREX EVO2

Series

### HIGHLIGHTS

- > Optimised material flow as a result of increasing system widths
- > Hydraulic gap setting
- > Simple and intuitive SPECTIVE control concept
- > Efficient and powerful D-DRIVE diesel-direct drive
- > High-performance post screening unit with oversize grain return (option)

**MOBIREX MR 130i EVO2 mobile impact crusher**

The MOBIREX MR 130i EVO2 mobile impact crusher can be deployed universally and produces first-class final product quality. With a crusher inlet width of 52" it achieves a production that was previously only associated with considerably larger crushing plants. Excellent efficiency and performance are achieved through a variety of technical highlights. Thanks to its compact design, the plant is easy to transport and quick to assemble and disassemble.

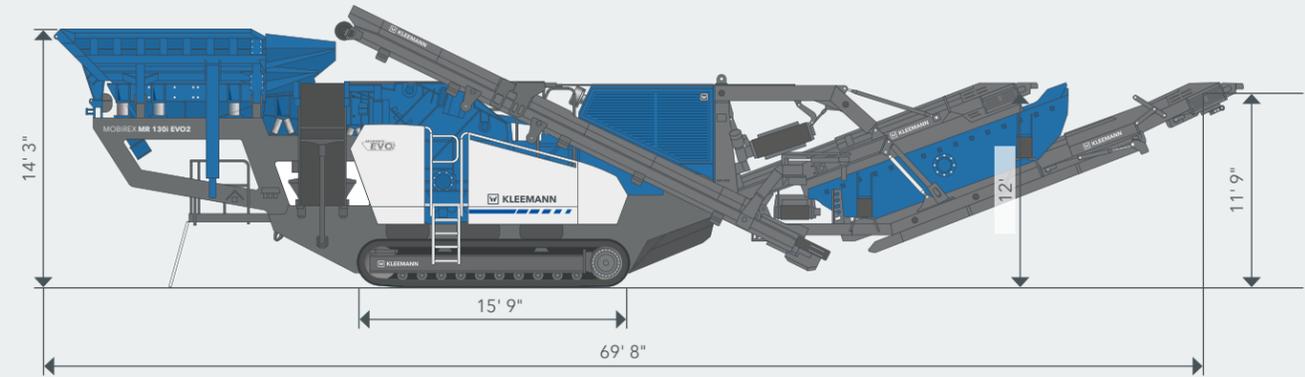


**TECHNICAL DATA MR 130i EVO2**

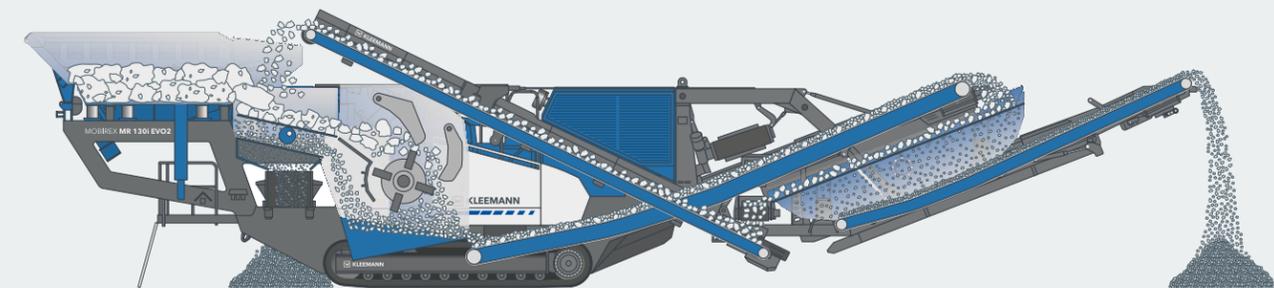
Feeding unit	
Feed capacity up to approx. (US t/h)	496 <sup>1)</sup>
Max. feed size	41" x 26"
Feed height (with extension)	14' 3" (15' 5")
Hopper volume (with extension) (yd <sup>3</sup> )	6.5 (11.8)
Width x length (with extension)	7' 5" x 12' 2" (9' 10" x 12' 2")
Vibrating feeder	
Width x length	40" x 8' 7"
Prescreening	
Type	Double-deck heavy-duty screen
Width x length	48" x 7' 7"
Side discharge conveyor rigid (optional)	
Width x length (extended)	26" x 13' 1" (19' 8")
Discharge height approx. (extended)	9' 6" (12')
Crusher	
Impact crusher type	SHB 130-090
Crusher inlet width x height	52" x 36"
Crusher weight approx. (lbs)	36,450
Rotor diameter	47"
Crusher drive type, approx. (hp)	direct, 416
Type of impact toggle adjustment	infinitely variable, fully hydraulic
Crushing capacity with demolished concrete up to approx. (US t/h)	331 <sup>2)</sup>
Crushing capacity with rubble up to approx. (US t/h)	331 <sup>2)</sup>
Crushing capacity with demolished asphalt up to approx. (US t/h)	287 <sup>3)</sup>
Crushing capacity with limestone up to approx. (US t/h)	375 <sup>2)</sup>

Discharge chute	
Width x length	56" x 8' 10"
Crusher discharge conveyor	
Width x length	56" x 31' 10"
Discharge height approx.	12'
Power supply unit	
Drive concept	diesel-direct <sup>4)</sup>
Scania (Tier 4f/Stage IV) (hp)	493 (1,800 rpm)
Generator (kVA)	135
Post screening unit (optional)	
Type	single-deck post screen
Width x length	61" x 14' 11"
Oversize grain return conveyor (wider)	20" x 32' (26" x 32')
Discharge height of fine grain discharge conveyor approx.	11' 9"
Transport	
Transport dimensions without options	
> Transport height	12' 4"
> Transport length approx.	60' 4"
> Max. transport width	9' 10"
Transport dimensions with post screening unit	
Transport length with screening unit	70' 11"
> Transport width with screening unit	10' 4"
Transport weight	
> Transport weight screening unit (lbs)	14,340
> Transport weight of basic plant - max. configuration (lbs)	132,300 - 140,550

OPERATING POSITION



MATERIAL FLOW



Optimum material flow is guaranteed: the MOBIREX MR 130i EVO2's system widths have been increased over the entire plant in the direction of material flow. The material flow is therefore not narrowed and material bridging can also be effectively prevented. Thanks to the fully hydraulic adjustment of the crushing gap, the plant

can adapt quickly to the material or the desired final grain size.

Operation is intuitive thanks to the SPECTIVE and SPECTIVE CONNECT operating concept.

<sup>1)</sup> Depending on type and composition of feed material, feed size, prescreening as well as target final grain size  
<sup>2)</sup> With final grain size 0" - 1.8" with approx. 10 - 15 % oversize grain  
<sup>3)</sup> With final grain size 0" - 1.3" with approx. 10 - 15 % oversize grain  
<sup>4)</sup> All electric ancillary drives

## STANDARD EQUIPMENT

- > Hydraulically folding feed hopper, can be operated from ground
- > Frequency-controlled vibrating feeder
- > Frequency-controlled prescreen
- > Prescreen covering with slotted grate or punched plate (upper deck) and wire cloth (lower deck)
- > Extended side discharge conveyor 19' 8", rigid: can be mounted on left or right, discharge height approx. 12', must be dismantled for transport, inc. spray system
- > Quick Track for setting machine operating mode quickly and easily, operation via radio remote control
- > Impact crusher with rotor ledge set made of martensitic
- > Continuous feed system (CFS) for optimum crusher loading
- > Automatic crusher gap adjustment
- > Integrated overload protection
- > Rotor lock & turn device: system for securely turning and locking the rotor for maintenance tasks or clearing blockages
- > Permanent magnetic separator, magnet preparation
- > Post screening unit, in convenient container dimensions, hook-lift compatible, available with 20" and 26" wide oversize grain return conveyor
- > Swivel arm for changing rotor ledges
- > SPECTIVE control concept: menu-guided user interface, 12-inch control panel; telematics system for efficient fleet and service management
- > Lockable control cabinet, dust and vibration protected
- > LED lighting
- > Water spray system for dust reduction

## OPTIONS

- > Hopper extension: hydraulically folding
- > Side discharge conveyor 13' 1", rigid: can be mounted on left or right, discharge height 9' 6", must be dismantled for transport, inc. spray system
- > Side discharge conveyor belt cover (sheet metal) in connection with rigid side discharge conveyor
- > Side discharge conveyor, hydraulically folding, can be mounted on both sides, discharge height 9' 6", remains on machine during transport, inc. spray system
- > Climate packages: hot climate or cold climate package
- > Ergonomic power pack enclosure for insulating noise sources
- > Electromagnetic separator
- > Belt scales, available for crusher discharge conveyor and fine grain conveyor (secondary screening unit)
- > Air classifier for cleaning oversize grain from foreign matter and lightweight matter through 15 hp blower with air outlet under transfer conveyor. Only available in connection with secondary screening unit option.
- > Trackpads for crawler chassis for protection of ground
- > Premium lighting

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