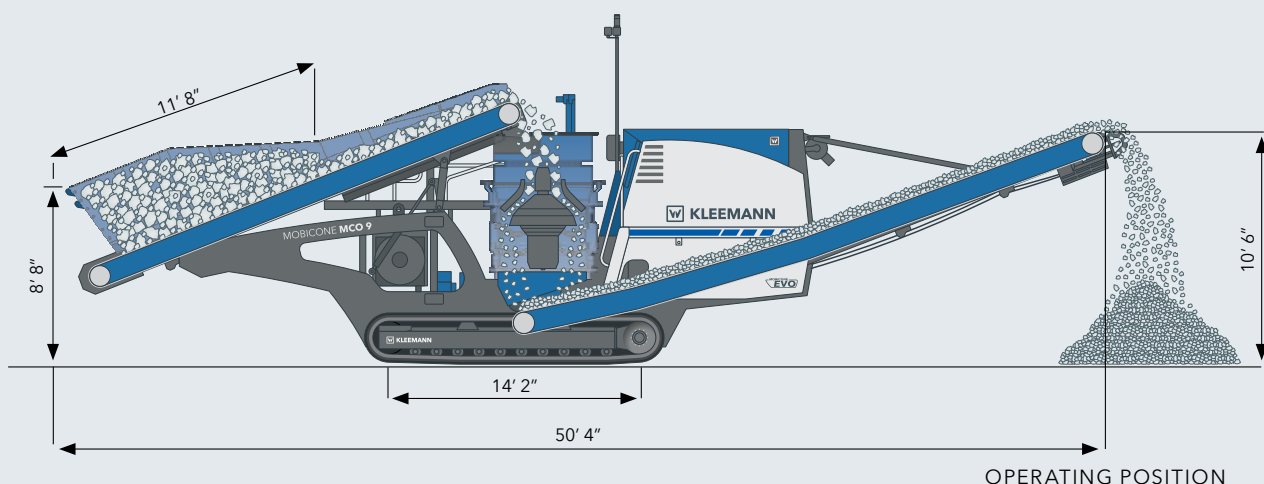


TECHNICAL INFORMATION | TRACK-MOUNTED CONE CRUSHERS

MOBICONE MCO 9/9i EVO





TECHNICAL HIGHLIGHTS

- Cone crusher with bearings and automatic circulation lubrication for high feed capacity and long service life
- Available as secondary or tertiary crusher
- Diesel-directdrive
- Linkage option with other KLEEMANN plant (option)

TECHNICAL INFORMATION MCO 9/9i EVO

Feeding unit

Feed capacity up to approx. (US t/h)	298
Feed size max. (inch)	8"
Feed height approx. (inch)	8' 8"
Feed height with extension approx. (inch)	10' 1"
Hopper volume approx. (yd ³)	8.4
Hopper volume with extension approx. (yd ³)	9.8
Width x length approx. (inch)	8' 6" x 11' 8"
Width x length with extension approx. (inch)	8' 6" x 12' 7"

Feeding conveyor

Width x length (inch)	40" x 21'
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Crusher

Cone crusher type	KX 200
Crusher system size d= (inch)	38"
Crusher weight approx. (lbs)	19,600
Crusher drive type, approx. (hp)	direct, 215
Plant performance at 0-32 mm approx. (US t/h)	243
Plant performance at 0-63 mm approx. (US t/h)	298

Crusher discharge conveyor

Width x length (extended) (inch)	32" x 28' 11" (34' 2")
Discharge height approx. (extended) (inch)	10' 6" (12' 6")

Power supply unit

Drive concept	diesel direct ¹⁾
MCO 9 EVO: Scania (Tier 3/Stage IIIA) (hp)	332 (1500 rpm)
Scania (LRC) (hp)	332 (1500 rpm)
MCO 9i EVO: Scania (Tier 4f/ Stage IV) (hp)	326 (1500 rpm)
Generator (kVA)	130 (1500 rpm)

Dimensions in transport position

Transport height approx. (inch)	11' 2"
Transport length approx. (inch)	53'
Transport width approx. (inch)	9' 10"
Transport weight of basic plant - max. configuration (lbs)	66,138 - 68,350

¹⁾ all ancillary drives electric



MOBICONE MCO 9/9i EVO

The MOBICONE MCO 9 EVO has compact dimensions and, with a weight of 30 tons, transportation is straight-forward. Thanks to the easy setup, just a few steps are needed to set it up and prepare it for operation. Being compact and powerful, the plant also scores in terms of diesel consumption: The diesel-directdrive and also the electric drives of the conveyor belts ensure that fuel consumption is pleasantly acceptable. The optional extended crusher discharge conveyor can be folded hydraulically as standard and enables a high stockpile volume.

STANDARD EQUIPMENT

- Hopper made of KRS (KLEEMANN Resistant Steel), hopper volume approx. 8.4 yd³
- Frequency-controlled feeding conveyor, automatic control depending on crusher filling level thanks to Continuous Feed System (CFS)
- Metal detector under the feeding conveyor to protect the cone crusher against uncrushable metallic material
- Overload system in crusher for opening crushing chamber in the event of uncrushable material
- Intelligent overload detection ("Ring Bounce Detection") protects the crusher against damage, 2 modes available
- Wear indicator for detecting actual wear on crushing tool
- Control concept: easy control through touch panel with menu-guided operation and visualisation
- Remote control: cable and radio remote control inc. switch-off function for feeding unit
 - Demand-based water-spray system for dust reduction
- Lighting

OPTIONS

- Hopper extension up to total hopper volume of 9.8 yd³
- Magnetic remover for lifting out magnetic components
- Extended crusher discharge conveyor, discharge height approx. 12' 6", hydraulically folding
- Belt scales in crusher discharge conveyor
- Belt cover of crusher discharge conveyor (standard and extended)
- Line coupling for interlinking with further KLEEMANN plants
- Camera system for monitoring feeding unit and crusher from ground level, also available with radio remote extension
- Oversize grain return conveyor can be mounted on left or right for return of oversize grain material to a mobile KLEEMANN screening plant
- Track pads for the crawler carrier chains to protect the ground
- Premium lighting
- Climate packages: hot and cold package



SPARE PARTS

For economical operation of the machine, it is also necessary to select the correct wear parts. Original parts from KLEEMANN are optimally designed for the requirements of the user and machine. They are characterised by a long service life, excellent quality, good availability and trouble-free assembly. With application know-how and competent advice, we can find the optimum wear part for our customers to match their individual application.

WEAR PARTS DEPENDING ON APPLICATION

<p>Crusher cone</p>	<p>Versions:</p> <ul style="list-style-type: none"> ☑ Standard ☑ Short Head 						
<p>Bowl liner</p>	<p>Versions:</p> <ul style="list-style-type: none"> ☑ Standard Fine ☑ Standard Medium ☑ Standard Coarse ☑ Short Head Fine ☑ Short Head Medium ☑ Short Head Coarse <p>Two quality levels available: > XPERT with 18% manganese > XTRA with 20% manganese (for longer service life)</p>						
<table border="0" style="width: 100%; text-align: center;"> <tr> <td data-bbox="240 1238 531 1507"> <p>Standard Coarse (SC)</p> </td> <td data-bbox="531 1238 1062 1507"> <p>Standard Medium (SM)</p> </td> <td data-bbox="1062 1238 1533 1507"> <p>Standard Fine (SF)</p> </td> </tr> <tr> <td data-bbox="240 1507 531 1834"> <p>Short Head Coarse (SHC)</p> </td> <td data-bbox="531 1507 1062 1834"> <p>Short Head Medium (SHM)</p> </td> <td data-bbox="1062 1507 1533 1834"> <p>Short Head Fine (SHF)</p> </td> </tr> </table>		<p>Standard Coarse (SC)</p>	<p>Standard Medium (SM)</p>	<p>Standard Fine (SF)</p>	<p>Short Head Coarse (SHC)</p>	<p>Short Head Medium (SHM)</p>	<p>Short Head Fine (SHF)</p>
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Further information is available at www.partsandmore.net or in our Parts and more catalogue