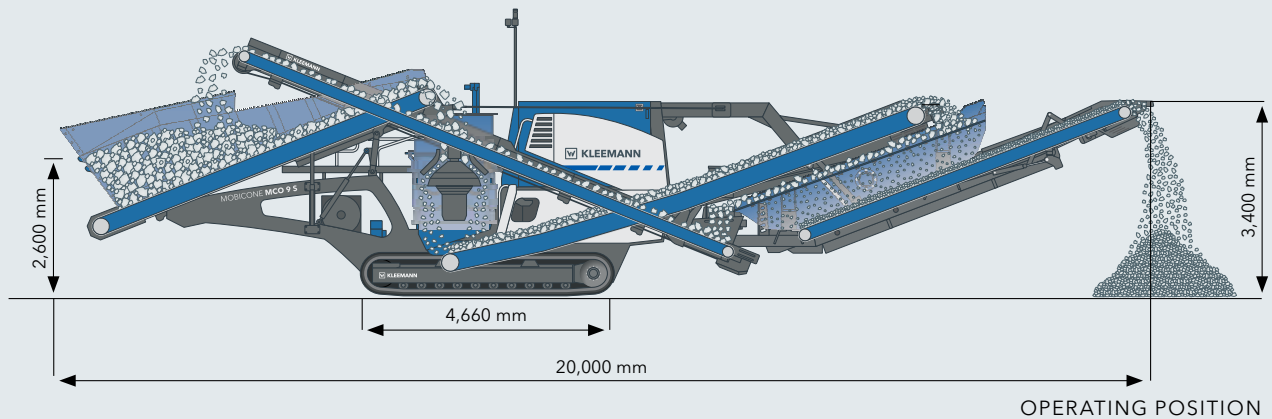




TECHNICAL INFORMATION | TRACK-MOUNTED CONE CRUSHERS

MOBICONE MCO 9 S/9 Si EVO





TECHNICAL HIGHLIGHTS

- Cone crusher with bushings and automatic circulation lubrication for high feed capacity and long service life
- Available as secondary or tertiary crusher
- Diesel-direct drive
- Linkage option with other KLEEMANN plants (option)

TECHNICAL INFORMATION MCO 9 S/9 Si EVO

Feeding unit

Feed capacity up to approx. (t/h) ¹⁾	245
Feed size max. (mm)	200
Feed height approx. (mm)	2,600
Feed height with extension approx. (mm)	3,100
Hopper volume approx. (m³)	6.5
Hopper volume with extension approx. (m³)	7.5
Width x Length approx. (mm)	2,550 x 3,500
Width x Length with extension approx. (mm)	2,550 x 3,800

Feeding conveyor

Width x Length (mm)	1,000 x 6,400
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Crusher

Cone crusher type	KX 200
Crusher system size d = (mm)	950
Crusher weight approx. (kg)	9,200
Crusher drive type, approx. (kW)	direct, 160
Crushing capacity with CSS = 14 mm approx. (t/h)	117 - 143
Crushing capacity with CSS = 38 mm approx. (t/h)	225 - 275

Crusher discharge conveyor

Width x Length (mm)	800 x 9,300
Discharge height approx. (mm)	3,400

Power supply unit

Drive concept	diesel-direct-electric
MCO 9 S EVO: Scania (Tier 3/ Stage IIIA) (kW)	289 (1,500 rpm)
Scania (LRC) (kW)	289 (1,500 rpm)
MCO 9 Si EVO: Scania (Tier 4f/ Stage IV) (kW)	289 (1,500 rpm)
Generator (kVA)	135 (1,500 rpm)

Secondary screening unit (optional)

Type	vibrating single-deck screen
Width x Length (mm)	1,350 x 4,500
Return conveyor approx. (mm)	500 x 9,750
Discharge height of fine grain discharge conveyor approx. (mm)	3,400
Transport weight of screening unit approx. (kg)	5,500

Transport ²⁾

Transport height approx. (mm)	3,600
Transport length without (with) screening unit approx. (mm)	16,600 (20,770)
Transport width max. (mm)	3,240
Transport weight without (with) screening unit incl. return conveyor approx. (kg)	32,500 (40,000)
Weight (fully equipped) approx. (kg)	41,000

¹⁾ closed loop

²⁾ no options

Standard features: Frequency-controlled feeding conveyor / Radio remote control / Control with touch panel / Lockable control cabinet, protected against dust and vibrations / Automatic gap setting / Automatic zero-point detection / Integrated crusher overload protection / CFS: Continuous Feed System for optimal crusher loading / Eye hooks / Spray system for dust reduction / Standard climate package / Lighting

Options: Hopper extension / Magnetic remover / Metal detector to protect the cone crusher from metal objects / Fixture for linking with other KLEEMANN plants / Crusher equipment: standard or short head, each fine, medium or coarse / Climate packages: Hot or cold package / Camera monitoring / Belt scale for crusher discharge conveyor / Belt scale for fine grain conveyor / Extended cover of crusher discharge conveyor / Secondary screening unit, in comfortable container dimension, suitable for hook and lift / Socket 110 V / Track pads for crawler chassis to protect subsurface / Stockpile probe, crusher discharge conveyor or fine grain conveyor