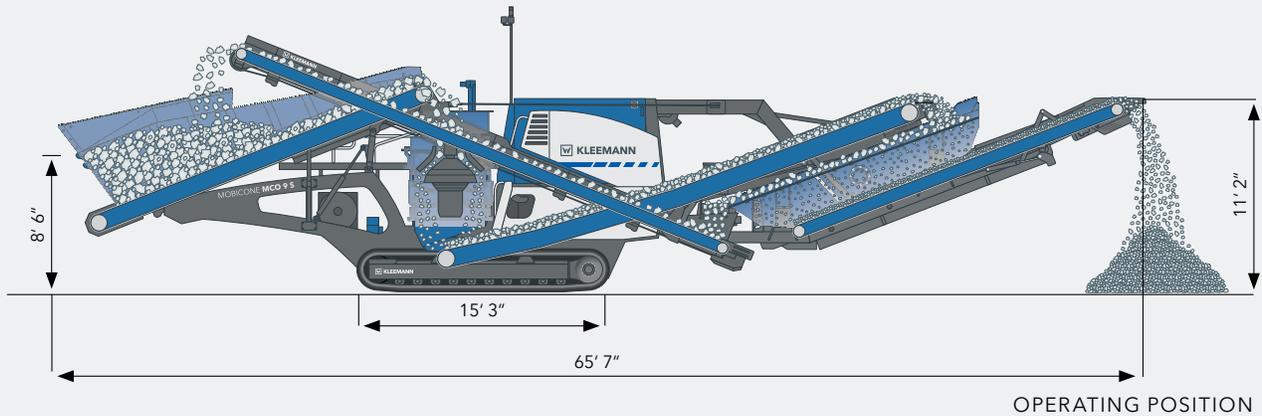




TECHNICAL INFORMATION | TRACK-MOUNTED CONE CRUSHERS

MOBICONE MCO 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

TECHNICAL INFORMATION MCO 9 Si EVO - US SPEC

Feeding unit

Feed capacity up to approx. (US t/h) ¹⁾	270
Feed size max. (inch)	7.9"
Feed height approx. (inch)	8' 6"
Feed height with extension approx. (inch)	10' 2"
Hopper volume approx. (yd ³)	8.5
Hopper volume with extension approx. (yd ³)	9.8
Width x Length approx. (inch)	8' 4" x 11' 6"
Width x Length with extension approx. (inch)	8' 4" x 12' 6"

Feeding conveyor

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

Cone crusher type	KX 200
Crusher system size d = (inch)	37"
Crusher weight approx. (lbs)	20,280
Crusher drive type, approx. (hp)	direct, 215
Crushing capacity with CSS = 0.6" approx. (US t/h)	129 - 158
Crushing capacity with CSS = 1.5" approx. (US t/h)	248 - 303

Crusher discharge conveyor

Width x Length (inch)	32" x 30' 6"
Discharge height approx. (inch)	11' 2"

Power supply unit

Drive concept	direct drive via fluid coupling and electric system
Scania (Tier 4f/Stage IV) (hp)	387 (1,500 rpm)
Generator (kVA)	135 (1,500 rpm)

Secondary screening unit (optional)

Type	vibrating single-deck screen
Width x Length (inch)	53" x 14' 9"
Return conveyor approx. (inch)	20" x 32'
Discharge height of fine grain discharge conveyor approx. (inch)	11' 2"
Transport weight of screening unit approx. (lbs)	12,125

Transport²⁾

Transport height approx. (inch)	11' 10"
Transport length without (with screening unit incl. return conveyor approx. (inch)	54' 6" (68' 2")
Transport width max. (inch)	10' 8"
Transport weight with screening unit approx. (lbs)	90,950

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 / Magnetic remover / Metal detector to protect the cone crusher from metal objects / Fixture for linking with other KLEEMANN plants / Secondary screening unit, in comfortable container dimension, suitable for hook and lift

Options: Hopper extension / 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 / Socket 110V / Track pads for crawler chassis to protect subsurface / Stockpile probe, crusher discharge conveyor or fine grain conveyor