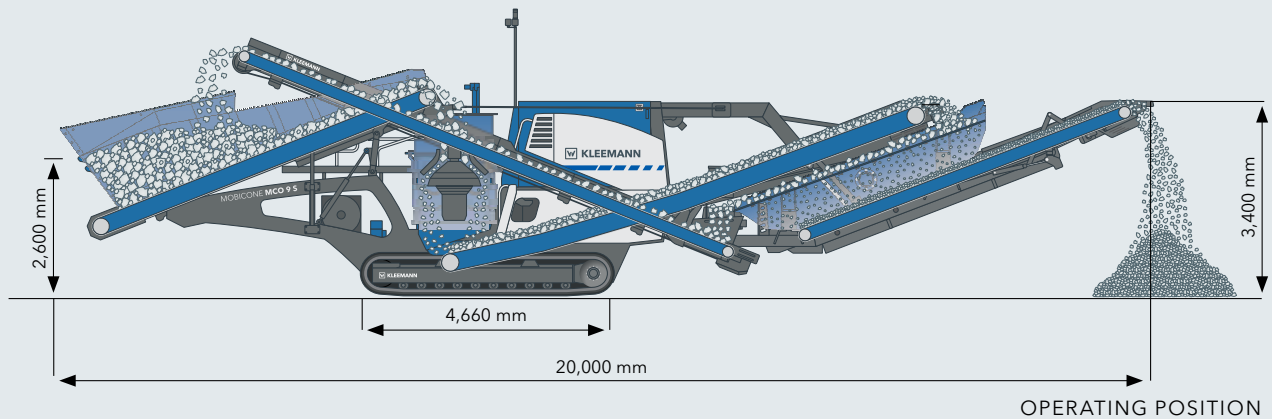


TECHNICAL INFORMATION | TRACK-MOUNTED CONE CRUSHERS

MOBICONE MCO 9 S/9 Si 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-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. (m ³) | 4.5 |
| Hopper volume with extension approx. (m ³) | 5.5 |
| 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 |
|---------------------|---------------|

Crusher

| | |
|--|----------------------|
| Crusher type | cone crusher, KX 200 |
| Crusher system size approx. (mm) | 950 |
| Crusher weight approx. (kg) | 9,200 |
| Crusher drive approx. (kW) | 160, direct |
| 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 |
| 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 |

Transport²⁾

| | |
|---|-----------------|
| 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 approx. (kg) | 32,500 (40,000) |
| Transport weight of screening unit approx. (kg) ³⁾ | 5,500 |
| Weight (fully equipped) approx. (kg) | 41,000 |

¹⁾ closed loop

²⁾ no options

³⁾ return conveyor remains attached to the plant for transportation

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