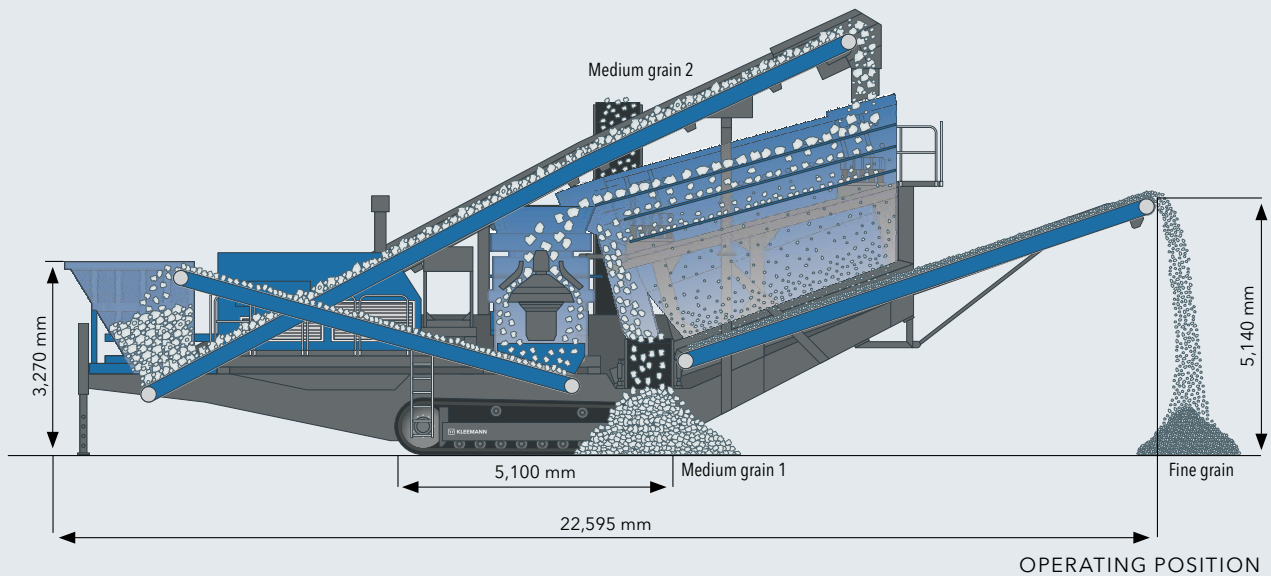




TECHNICAL INFORMATION | TRACK-MOUNTED CONE CRUSHERS

MOBICONE MCO 13 S





TECHNICAL HIGHLIGHTS

- Cone crusher with triple-deck screening unit as secondary or tertiary crusher
- Closed material loop for production of three defined final grain sizes
- Diesel-electric drive concept
- Linkage option with other KLEEMANN plants (option)

TECHNICAL INFORMATION MCO 13 S

Feeding unit

Feed capacity up to approx. (t/h)	650
Feed size max. (mm)	280
Feed height approx. (mm)	3,270
Feed height with extension approx. (mm)	4,535
Hopper volume (m ³)	3.5
Hopper volume with extension (m ³)	14.5
Feed opening W x L (mm)	3,600 x 2,100
Feed opening with extension W x L (mm)	4,900 x 2,900

Vibrating feeder

Width x Length (mm)	1,200 x 3,400
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Belt conveyor for transporting feed material

Width x Length (mm)	1,200 x 17,450
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Screening unit

Type	triple-deck vibrating screen
Width x Length (lower deck) (mm)	2,350 x 6,000 (5,400)

Discharge conveyor for screen underpass

Width x Length (mm)	1,600 x 10,000
Discharge height approx. (mm)	5,140

Discharge conveyor for screen overpass - lower deck

Width x Length (mm)	650 x 8,000
Discharge height approx. (mm)	3,880

Discharge conveyor for screen overpass - middle deck

Width x Length (mm)	800 x 8,000
Discharge height approx. (mm)	4,170

Crusher

Cone crusher type	KX 400
Crusher system size d = (mm)	1,300
Crusher weight approx. (kg)	23,490
Crusher drive type, approx. (kW)	electric, 315
Crushing capacity with final grain size 0-32 mm (feed size 0 - 200 mm) approx. (t/h)	300
Crushing capacity for final grain size 0 - 45 mm (feed size 0 - 250 mm) approx. (t/h)	360
Crushing capacity with final grain size 0-56 mm (feed size 0 - 300 mm) approx. (t/h)	425

Belt conveyor discharge for crushed material

Width x Length (mm)	1,200 x 8,800
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Power supply unit

Drive concept	diesel-electric
Scania (Tier 3 / Stage IIIA) (kW)	481
Generator (kVA)	880

Transport¹⁾

Transport height approx. (mm)	4,350
Transport length approx. (mm)	22,595
Transport width max. (mm)	4,400
Transport weight approx. (kg)	115,000

¹⁾ plant dismantled for transportation, dimensions of main unit

Options: Probe control system / Magnetic remover / Metal detector / Spray system / External power supply / Lighting