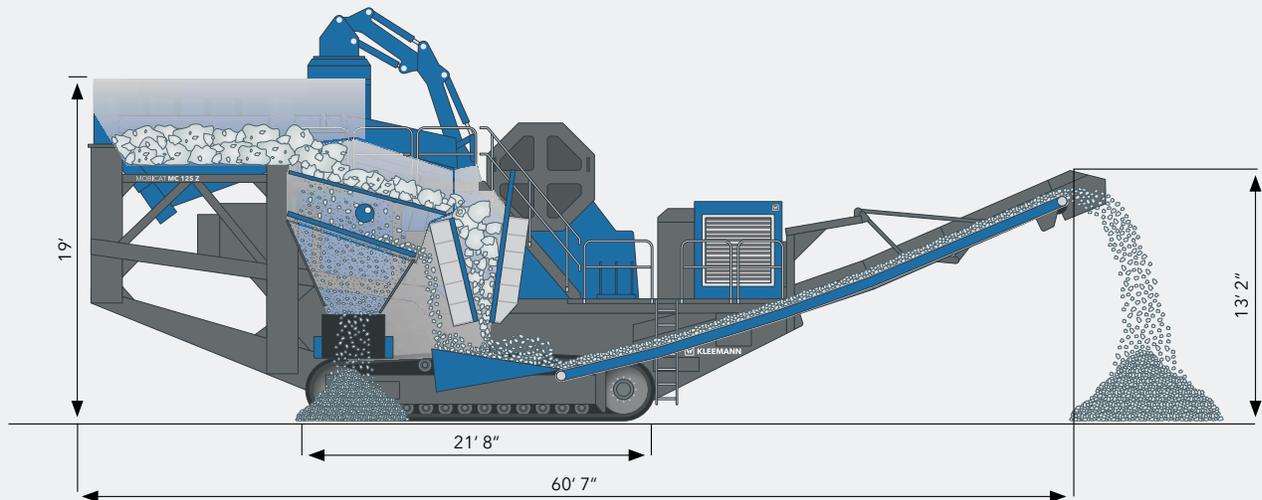


TECHNICAL INFORMATION | TRACK-MOUNTED JAW CRUSHERS

MOBICAT MC 125 Z





OPERATING POSITION

TECHNICAL HIGHLIGHTS

- Frequency-controlled vibrating feeder
- Diesel-electric drive concept
- Option for external power supply (optional)
- Independent vibrating double-deck prescreen

TECHNICAL INFORMATION MC 125 Z - US SPEC

Feeding unit

Feed capacity up to approx. (US t/h) ¹⁾	661
Feed size max. (inch)	48" x 36"
Feed height (with extension) (inch)	19' (21' 4" / 23' 8")
Width x Length (inch)	10' 8" x 14' 9"
Hopper volume (with extension) (yd ³)	13.1 (39.2)

Vibrating feeder

Width x Length (inch)	48" x 11' 6"
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Prescreening

Type	double-deck heavy-piece screen
Width x Length (inch)	48" x 9' 10"

Side discharge conveyor (optional)

Width x Length (inch)	40" x 26' 3"
Discharge height approx. (inch)	13' 2"

Crusher

Single toggle jaw crusher type	STR 1,250 x 1,000
Crusher inlet width x depth (inch)	49" x 40"
Crusher weight approx. (lbs)	108,000
Crusher drive type, approx. (hp)	electric, 268
Adjustment range of gap width (inch) ²⁾	3.1" - 9.8"
Crusher gap adjustment	hydraulically supported

Crushing capacity³⁾

with CSS = 4": approx. from - to (US t/h)	193 - 254
with CSS = 5.1": approx. from - to (US t/h)	254 - 325

with CSS = 6.3": approx. from - to (US t/h)	314 - 397
with CSS = 7.9": approx. from - to (US t/h)	391 - 491
with CSS = 9.8": approx. from - to (US t/h)	496 - 606

Vibrating extractor

Width x Length (inch)	48" x 8' 6"
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Crusher discharge conveyor

Width x Length (inch)	48" x 32' 6"
Width x Length without vibrating extractor (option) (inch)	48" x 39' 4"
Discharge height approx. (inch)	13' 9"
Discharge height without vibrating extractor (option) (inch)	13' 2"

Power supply unit

Drive concept	diesel-electric
Scania (Tier 4f/Stage IV) (hp)	488
Generator (kVA)	550

Weight

Total weight without options approx. (lbs)	286,600
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¹⁾ dependent on the type and composition of the feed material, the feed size, the prescreening, as well as the desired final grain size

²⁾ gap width range can be changed by using special crusher jaws and/or pressure plates

³⁾ for hard stone, CSS = Close Side Setting

Standard features: Feed hopper / Frequency-controlled vibrating feeder / Ultrasonic probe at crusher inlet / Radio remote control / PLC control with LCD display / Control cabinet, with double dust encapsulation, lockable, suspended and with over pressure system / Lighting

Options: Hopper extension / Side discharge conveyor / Electromagnetic separator, permanent magnet, magnet preparation / Extended crusher discharge conveyor instead of vibrating extractor / Preparation for installation of belt scale / Belt covers (aluminium, tarpaulin) / Remote maintenance using GSM modem / Extension for crusher discharge conveyor (hydraulically foldable) / External power supply / Rock chisel / Socket 110 V / Spray system for dust reduction