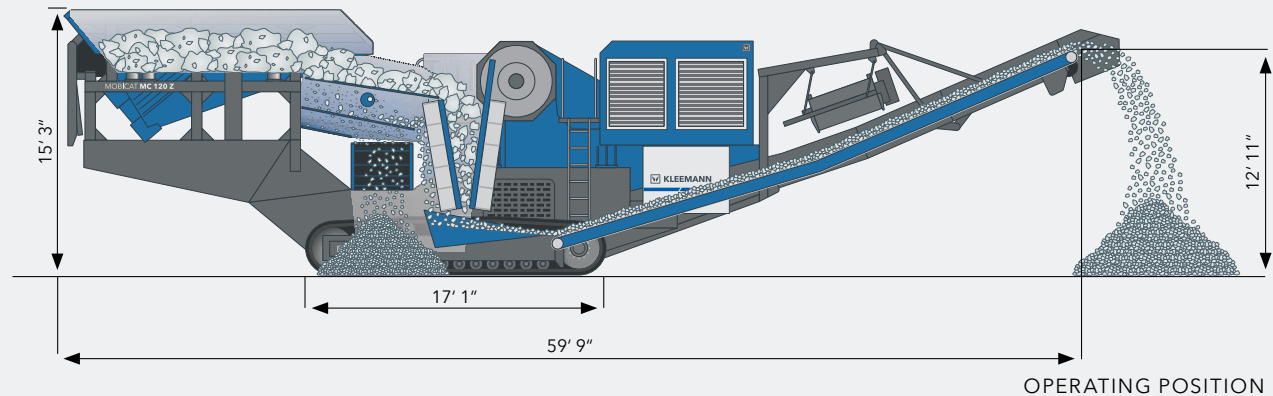




TECHNICAL INFORMATION | TRACK-MOUNTED JAW CRUSHERS

MOBICAT MC 120 Z





TECHNICAL HIGHLIGHTS

- Frequency-controlled vibrating feeder
- Vibrating extractor under the crusher
- Diesel-electric drive concept
- Option for external power supply (optional)

TECHNICAL INFORMATION MC 120 Z - US SPEC

Feeding unit

Feed capacity up to approx. (US t/h) ¹⁾	496
Feed size max. (inch)	44" x 28"
Feed height (with extension) (inch)	15' 3" (17' 1")
Width x Length (with extension) (inch)	9' 4" x 13' 6" (11' 10" x 15' 5")
Hopper volume (with extension) (yd ³)	13.7 (19.6)

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 8' 3"

Side discharge conveyor (optional)

Width x Length (inch)	26" x 19' 8"
Discharge height approx. (inch)	11' 6"

Crusher

Single toggle jaw crusher type	STR 1,200 x 800
Crusher inlet width x depth (inch)	48" x 32"
Crusher weight approx. (lbs)	54,000
Crusher drive type, approx. (hp)	electric, 215
Adjustment range of gap width (inch) ²⁾	1,8" - 6,9"
Crusher gap adjustment	hydraulic / mechanical

Crushing capacity³⁾

with CSS = 3.3": approx. from - to (US t/h)	160 - 209
with CSS = 4": approx. from - to (US t/h)	182 - 237
with CSS = 5.1": approx. from - to (US t/h)	226 - 298
with CSS = 6.3": approx. from - to (US t/h)	276 - 353

Vibrating extractor

Width x Length (inch)	52" x 8' 6"
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Crusher discharge conveyor

Width x Length (extended) (inch)	55" x 32' 10" (37' 7")
Discharge height approx. (extended) (inch)	12' 11" (14' 9")

Power supply unit

Drive concept	diesel-electric
Scania (Tier 4f/Stage IV) (hp)	488
Generator (kVA)	410

Transport⁴⁾

Transport height approx. (inch)	13' 7"
Transport length approx. (inch)	55' 1"
Transport width max. (inch)	10' 2"
Transport weight approx. (lbs)	154,300

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

⁴⁾ no options

Standard features: Hydraulically foldable feed hopper / Frequency-controlled vibrating feeder / Ultrasonic probe / 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 / Hydraulic folding device for crusher discharge conveyor / Hydraulic folding device for extended crusher discharge conveyor / Socket 110 V / External power supply / Preparation for installation of belt scale / Belt covers for side discharge conveyor (aluminium, tarpaulin) / Remote maintenance using GSM modem / Spray system for dust reduction