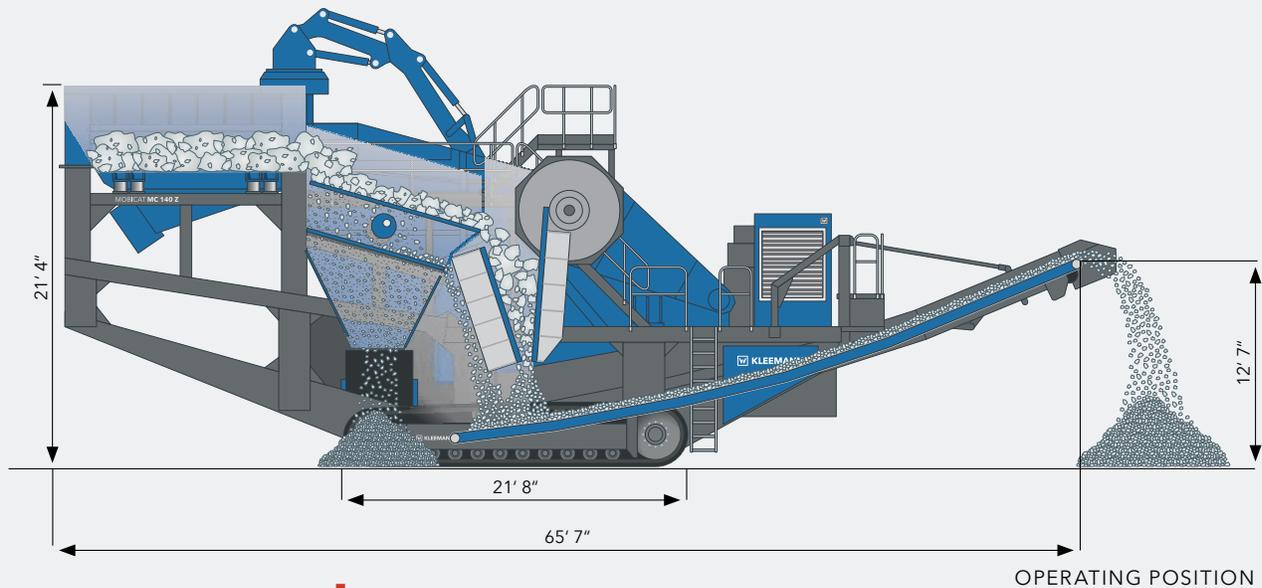




TECHNICAL INFORMATION | TRACK-MOUNTED JAW CRUSHERS

MOBICAT MC 140 Z





TECHNICAL HIGHLIGHTS

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

TECHNICAL INFORMATION MC 140 Z - US SPEC

Feeding unit

Feed capacity up to approx. (US t/h) ¹⁾	827
Feed size max. (inch)	52" x 40"
Feed height (inch)	21' 4"
Width x Length (inch)	12' 2" x 15' 1"
Hopper volume (yd ³)	13.1

Vibrating feeder

Width x Length (inch)	53" x 13' 6"
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Prescreening

Type	double-deck heavy-piece screen
Width x Length (inch)	55" 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 1,400 x 1,130
Crusher inlet width x depth (inch)	55" x 45"
Crusher weight approx. (lbs)	119,000
Crusher drive type, approx. (hp)	electric, 268
Adjustment range of gap width (inch) ²⁾	4.3" - 10.2"
Crusher gap adjustment	hydraulically supported

Crushing capacity³⁾

with CSS = 5.1": approx. from - to (US t/h)	298 - 375
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with CSS = 6.1": approx. from - to (US t/h)	375 - 463
with CSS = 7.9": approx. from - to (US t/h)	474 - 573
with CSS = 9.8": approx. from - to (US t/h)	485 - 584

Vibrating feeder (optional)

Width x Length (inch)	55" x 8' 6"
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Crusher discharge conveyor

Width x Length (inch)	55" x 39' 4"
Width x Length with vibrating extractor (option) (inch)	59" x 34' 2"
Discharge height approx. (inch)	12' 7"
Discharge height with vibrating extractor (option) (inch)	14' 1"

Power supply unit

Drive concept	diesel-electric
Scania (Tier 4f/Stage IV) (hp)	587
Generator (kVA)	600

Weight

Total weight without options approx. (lbs)	352,740
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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 / fill level monitor 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: Side discharge conveyor / Electromagnetic separator, permanent magnet, magnet preparation / External power supply / Extended crusher discharge conveyor / Rock chisel / Hydraulic folding device for crusher discharge conveyor / Preparation for installation of belt scale / Belt covers (aluminium, tarpaulin) / Remote maintenance using GSM modem / Socket 110 V / Spray system for dust reduction