

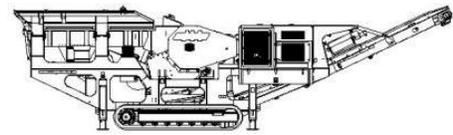
SPECIFICATIONS



McCloskey ***J44***

DISTRIBUTOR FOR AFRICA

8515 Baymeadows Way Suite 201
Jacksonville, FL 32256 – USA
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DESCRIPTION

Heavy duty track mounted Crusher with following features:

- 1118 (44") x 650 (26") single toggle jaw.
- 275Hp C9 Cat engine.
- Track or Track c/w Wheel bogie.
- Integrated hydraulic folding hopper.
- Integrated hydraulic folding stockpiling conveyors.
- I-beam plate fabricated chassis construction.
- Large gap between crusher discharge and main conveyor feedboot
- Open chassis design for ease of maintenance
- Fast setup time

DIMENSIONS AND WEIGHTS

Length - working	14.307m (46' - 11.3")
Length - transport	14.465m (47' - 5.5")
Width - transport	2.5m (8' - 2.5")
Height - transport	3.4m (11' - 1.8")
Weight - estimated	40,860 Kgs (90,080 lbs) with side Conveyor & magnet conveyor.

CAPACITIES

Diesel tank capacity	636 L (168 US gal)
Hydraulic tank capacity	1200 L (317 US Gals)

CRUSHING CHAMBER

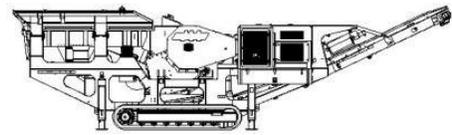
Feed opening	1118 (44") x 650 (26")
Crusher speed	300 rpm
Crusher Drive	Hydraulic - Banded V-Belts
Min. opening	51mm (2") *Note Applications
Max. opening	152mm (6")
Jaw weight	13,250Kgs
Closed side setting adjustment	Direct hydraulic ram adjust system
Motor	Kawasaki axial piston 280cc/rev
Flow rate	372.4 Lpm (98.4 US gpm)
Level sensor	YES
Load sensor	Hydraulic

GRIZZLY FEEDER

Feeder width	950mm (37.4")
Feeder length	3700mm (12' - 1.6")
Drive	Hydraulic direct drive
Grizzly section opening	Tapered 40-61mm (1.5" - 2.5")
Grizzly section length	1550mm (61")
Motor	David Brown MCC 1911 51.8cc/rev
Flow rate	68.4 Lpm (18.1 US gpm)
Adjustable speed	Yes - via mechanical Flow Control
Variable speed	Yes - via electrical proportional
Maximum speed	977rpm

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HOPPER

Length	4530mm (14' – 10.2")
Width	2222mm (7' – 3.4")
Volume	6.8m ³ (8.9yd ³)
Material	8mm sides + 8mm Hardox liners
Locking system	Wedge type and toggle

SIDE CONVEYOR

Stockpile height	2480mm (8' – 1.6")
Belt width	650mm (26")
Belt spec	EP 400/3 3+1.5
Drive drum dia.	220mm (8.6")
Tail drum dia.	220mm (8.6") - spoked
Motor	OMT400
Flow rate	43.7 Lpm (11.5 US gpm)
Adjustable speed	YES
Maximum speed	109 rpm
Hydraulic Telescopic	YES

MAIN CONVEYOR

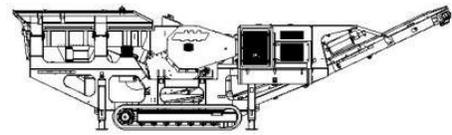
Stockpile height	3940mm (12' - 11")
Belt width	1050mm (42")
Belt spec	Plain 500/3 8+2
Drive drum dia.	285mm (11.2")
Tail drum dia.	270mm (10.6") - spoked
Motor	OMV630
Flow rate	87.4 Lpm (23.1 US gpm)
Maximum speed	138.7 rpm
Angle adjustable	YES
Quick release	YES

POWERUNIT AND HYDRAULICS

Engine	CAT C9
Engine power	205 kW (275 HP)
Engine speed	1900 rpm
Flywheel Pump 1	Kawasaki K3V140DT (set at 83cc/rev)
LH PTO Pump 2	Turolla 5033 5023 5011
Front PTO Pump 3	David Brown 5046
Total system flow	535.8 Lpm (141.5 US Gpm)
Hydraulic tank capacity	1200 L (317 US Gals)
Hydraulic tank ratio	1.87 : 1
Hydraulic Oil cooler	YES

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ELECTRICS

Emergency stops	4 off, 2 feeder, 2 powerunit
Chassis cabling	Armored cable
Start Siren	YES - 10 sec delay
Control panel	Tedd Engineering / IFM
Engine shutdowns:	Low oil pressure
High water temp	Air filter blockage (selectable)
	Fuel contamination
	Low hydraulic tank level
	High hydraulic oil temperature
Radio control tracks and feeder	OPTION
Pendant track control	YES - plugged in control cabinet

TRACKS

Width	400mm (15.7")
Length	4194mm (13' - 9") crs
Height	820mm (32.3")
Gearbox	O&K F55
Ratio	148:1
Motor	Integrated 90cc/rev
Speed max	1.8 Kph (1.1 Mph)
Flow rate	100 Lpm (26.4 US gpm)
Attachment to chassis	Bolt On for quick change

OPTIONS

Roll-in bogie system
Main conveyor variable speed control
Hopper Extensions
Overband magnet
Water Pump and dust suppression system
Diesel refueling pump
Quarry or recycling jaw dies
Crusher Deflector Plate – (Belt Protection) STANDARD
Work lights
High level side walkways

SAFETY FEATURES

External belt alignment points
External grease points
Engine safety shutdown systems
Full safety guarding for nip points

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