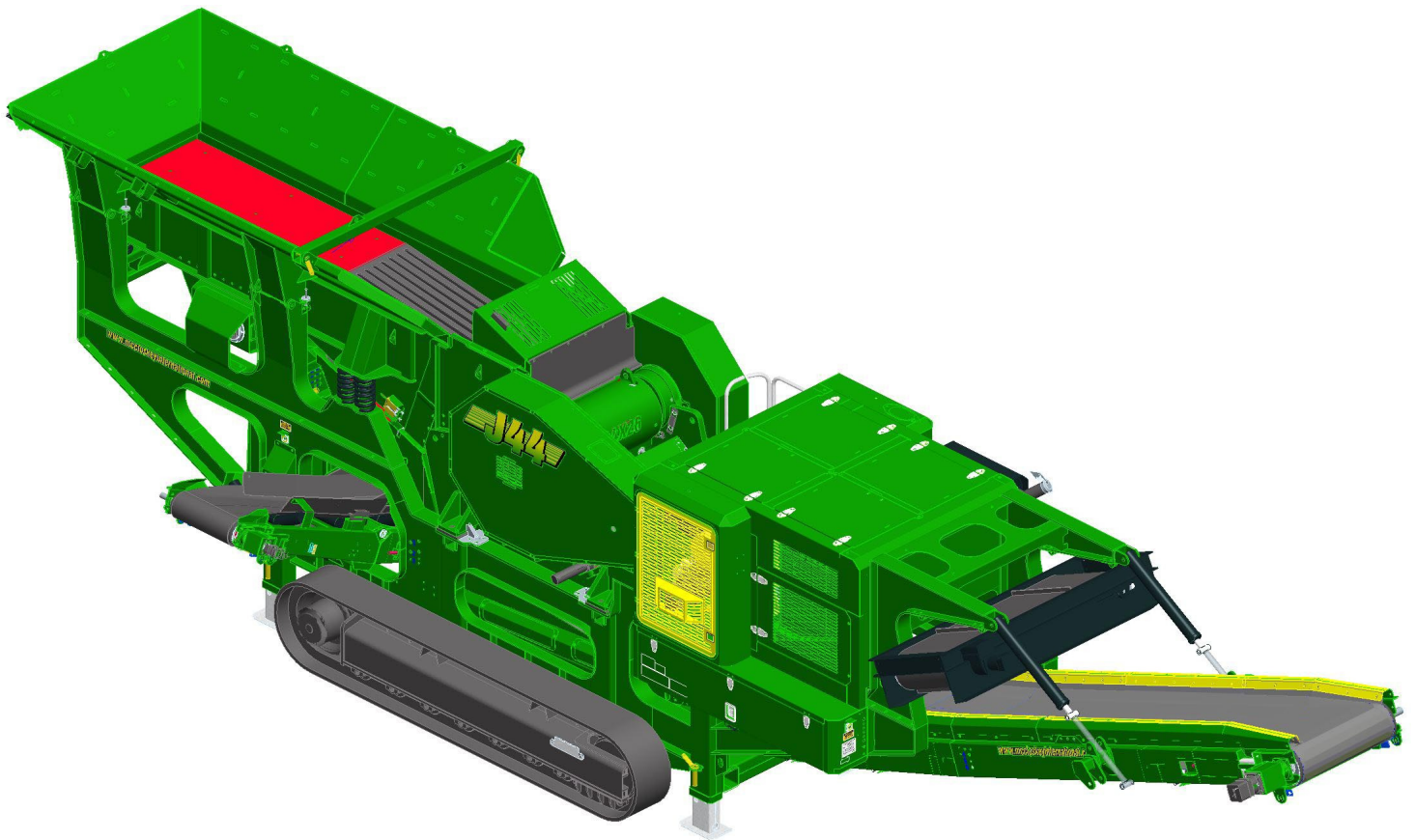
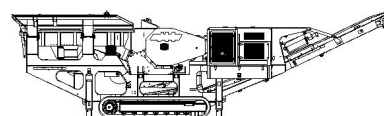


# ***SPECIFICATIONS***



## ***McCloskey*** ***J44***

**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 - <i>estimated</i>	40,000 Kgs (88,184 lbs) with side conveyor, no magnet conveyor.

**CAPACITIES**

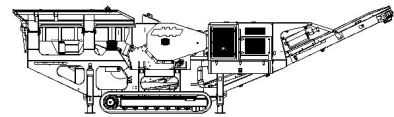
Diesel tank capacity	636 L (168 US gal)
Hydraulic tank capacity	1200 L (317 US Gals)

**CRUSHING CHAMBER**

Feed opening	1118 (44") x 650 (26")
Crusher speed	280 rpm
Crusher Drive	Hydraulic – Banded V-Belts
Min. opening	51mm (2") *Note Applications
Max. opening	152mm (6")
Jaw weight	13,000Kgs
Closed side setting adjustment	Direct hydraulic ram adjust system
Motor	Kawasaki axial piston 280cc/rev
Flow rate	315 Lpm (83.2 US gpm)
Level sensor	NO
Load sensor	Hydraulic

**GRIZZLY FEEDER**

Feeder width	1080mm (42.5")
Feeder length	4050mm (13' - 3.3")
Drive	Hydraulic direct drive
Grizzly section opening	Tapered 40-61mm (1.5" – 2.5")
Grizzly section length	1580mm (62.2")
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	NO
Maximum speed	977rpm

**HOPPER**

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

**SIDE CONVEYOR**

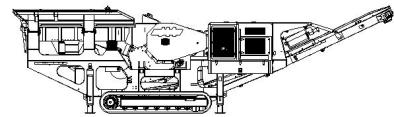
Stockpile height	2100mm (6' – 10.5")
Belt width	650mm (26")
Belt spec	EP 400/3 3+1.5
Drive drum dia.	220mm (8.6")
Tail drum dia.	220mm (8.6") - spoked
Motor	OMT400
Flow rate	43.7 Lpm (11.5 US gpm)
Adjustable speed	YES
Maximum speed	109 rpm

**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 5036 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

**ELECTRICS**

Emergency stops	4 off, 2 feeder, 2 powerunit
Chassis cabling	Armored cable
Start Siren	YES - 10 sec delay
Control panel	JMG
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	OPTION - Hetronic system
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	
Quarry or recycling jaw dies	
Crusher Deflector Plate – (Belt Protection)	STANDARD
Work lights	

**SAFETY FEATURES**

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

