

McCloskey C44 Cone Crusher



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- **DESCRIPTION**

- **Heavy duty track mounted Crusher with following features:**

- **CRUSHING CHAMBER**

- Feed opening 914mm (44")
- Crusher speed 672 rpm
- Crusher Drive Hydraulic – Direct drive
- Min. opening 10mm (3\8") (Fine liner)
- Max. opening 165mm (1 3\4") (Coarse Liner)
- Cone weight 14,970kg (33,000 lbs)
- Closed side setting adjustment Hydraulic
- Motor Kawasaki axial piston 800cc/rev
- Flow rate 608 Lpm (160 US gpm)
- Level sensor Ultrasonic

•POWERUNIT AND HYDRAULICS

- Engine CAT C13 Tier 4 Interim or Volvo Tier 4 Final
- Engine power 328 kW (440 HP)
- Engine speed 1900 rpm
- Flywheel Pump 1 Kawasaki K5V160DP
- LH PTO Pump 2 David Brown 5036 5023
- RH PTO Pump 3 Pump 4045 011
- Total system flow 798.4 Lpm (211 US Gpm)
- Hydraulic Oil cooler 2 off

•CAPACITIES

- Diesel tank capacity 800 L (211 US gal)
- Hydraulic tank capacity 1800 L (475 US Gals)

- **FEEDER**

- Feeder opening width 800mm (31.5")
 - Feeder belt width 1050mm (42")
 - Motor Danfoss OMSS 125
 - Gearbox Bonfig 809W2 23.6:1
 - Flow rate 87.4 Lpm (23.1 US gpm)
 - Adjustable speed Yes
 - Maximum speed 29 rpm
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- Hopper
 - Length 3780mm (12' – 4.9")
 - Width 2200mm (7' - 2")
 - Volume 5m³ (6.5yd³)
 - Material 6mm sides + 10mm Hardox liners

- **MAIN CONVEYOR**

- Stockpile height 3250mm (10' – 8")
- Belt width 1050mm (42")
- Belt spec Plain 500/3 8+2
- Motor OMV630
- Flow rate 68.4 Lpm (18.1 US gpm)
- Maximum speed 108.5 rpm
- Angle adjustable YES
- Quick release YES

- **ELECTRICS**

- Emergency stops 4 off,
- Chassis cabling Armored cable
- Start Siren YES - 10 sec delay
- Control panel Plus 1 Danfoss colour screen
- **Engine shutdowns:**
 - **Low oil pressure**
 - **High water temp**
 - **Air filter blockage (selectable)**
 - **Fuel contamination**
 - **Low hydraulic tank level**
- Engine room light YES
- Radio control tracks optional - Hetronic system
- Pendant track control YES - plugged in control cabinet

•OPTIONS

- Roll-in bogie system
- Main conveyor variable speed control
- Interlock system
- Hopper Extensions
- Water Pump and dust suppression system
- Coarse, Medium or Fine liners
- Work lights
- Belt scale

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