



NCSA Heavy Equipment

Contract 24-08-0421

Item Number: 900

Model Number: J40

Group: Crushing Equipment

Make: McCloskey International

MSRP: \$700,000.00

Model: Jaw

Discount 6%: (\$42,000.00)

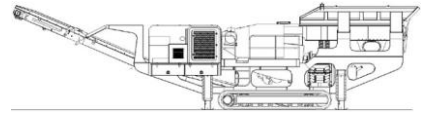
Total Net Price: \$658,000.00

Price Does Not Include Freight

Commonwealth Equipment * 36 Hazleton St * Ashley PA 18706

Phone: 877-217-4474 * commonwealthequipment.com

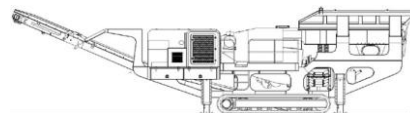
MST03282023



SPECIFICATIONS



McCloskey ***J40***

**DESCRIPTION**

Heavy duty track mounted Crusher with following features:

- 1016 (40") x 610 (24") single toggle jaw.
- CAT Tier 3 option / CAT & Volvo Tier 4F / Stage 5 option.
- Tracked
- 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 | 13.64m (44' – 9") |
| Length - transport | 13.78m (45' – 2.6") |
| Width - transport | 2.5m (8' - 2.5") |
| Height - transport | 3.2m (10' - 6") |
| Weight | 36,940 Kgs (81,440 lbs) (Overband Magnet, side conveyor & deflector fitted) |

CAPACITIES

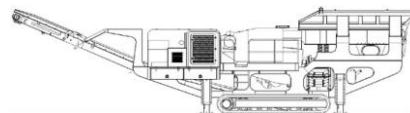
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|-------------------------|----------------------|
| Diesel tank capacity | 446 L (117 US gal) |
| Hydraulic tank capacity | 1200 L (317 US Gals) |

CRUSHING CHAMBER

| | |
|--------------------------------|---------------------------------|
| Feed opening | 1016 (40") x 610 (24") |
| Crusher speed | 300 rpm |
| Crusher Drive | Hydraulic – Banded V-Belts |
| Min. opening | 51mm (2") *Note Applications |
| Max. opening (peak to peak)) | 156mm (6.15") (peak to peak) |
| Jaw weight | 10,920Kgs |
| Closed side setting adjustment | Twin hydraulic ram wedge adjust |
| Motor | Kawasaki axial piston 280cc/rev |
| Flow rate | 340 Lpm (89.8 US gpm) |
| Level sensor | Ultrasonic |
| Load sensor | Hydraulic |

GRIZZLY FEEDER

| | |
|-------------------------|-----------------------------------|
| Feeder width | 950mm (37.4") |
| Feeder length | 3840mm (12' - 7") |
| Drive | Hydraulic direct drive |
| Grizzly section opening | Tapered 35-70mm (1.4" – 2.75") |
| Grizzly section length | 1225mm (48") |
| 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 | 970rpm |

**HOPPER**

| | |
|----------------|-----------------------------------|
| Length | 4180mm (13' – 8.5") |
| Width | 2064mm (6' – 9") |
| Volume | 5.4m³ (7.4yd³) |
| Material | 8mm sides with 10mm Hardox liners |
| Locking system | Wedge type and toggle bolts. |

SIDE CONVEYOR

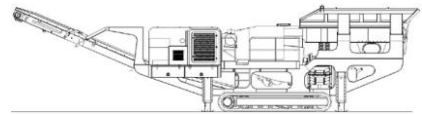
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|------------------|------------------------|
| Stockpile height | 2500mm (8' – 2") |
| Belt width | 650mm (26") |
| Belt spec | EP 500/3 5+1.5 |
| Drive drum dia. | 220mm (8.6") |
| Tail drum dia. | 220mm (8.6") - spoked |
| Motor | OMT400 |
| Flow rate | 43.7 Lpm (11.5 US gpm) |
| Adjustable speed | YES |
| Maximum speed | 109 rpm |

MAIN CONVEYOR

| | |
|------------------|-------------------------------------|
| Stockpile height | 3458mm (11' – 4.2") |
| Belt width | 900mm (36") |
| Belt spec | Plain 500/3 8+2 with Breaker, DIN Y |
| 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 Tier 3 option | CAT C7.1 225HP Tier 3A |
| Engine Stage V option | CAT C7.1B 225HP/Volvo D8 252HP |
| Engine speed | 1900 rpm |
| Flywheel Pump 1 | Kawasaki K3V140DT (set at 83cc/rev) |
| LH PTO Pump 2 | David Brown 5036 5023 |
| Front PTO Pump 3 | David Brown 5046 2SPA11 |
| Total system flow | 560.4 Lpm (148 US Gpm) |
| Hydraulic tank capacity | 1200 L (317 US Gals) |
| Hydraulic tank ratio | 2.14 : 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 | Tedd Engineering |
| Engine shutdowns: | Low oil pressure |
| | High water temp |
| | Low hydraulic tank level |
| | High hydraulic oil temperature |
| Radio control tracks | OPTION |
| Radio control feeder | OPTION |
| Pendant track control | YES - plugged in control cabinet |

TRACKS

| | |
|-----------------------|--------------------------|
| Width | 400mm (15.7") |
| Length | 2920mm (9' - 7") crs |
| Height | 736mm (29") |
| Gearbox | Bonfiglioli 709 |
| Ratio | 122:1 |
| Motor | Rexroth 63 |
| Speed max | 1.8 Kph (1.1 Mph) |
| Flow rate | 100 Lpm (26.4 US gpm) |
| Attachment to chassis | Bolt On for quick change |

SAFETY FEATURES

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

