



NCSA Heavy Equipment

Contract 24-08-0421

Item Number: 897

Model Number: I4C

Group: Crushing Equipment

Make: McCloskey International

MSRP: \$882,583.00

Model: Impact

Discount 6%: (\$52,954.98)

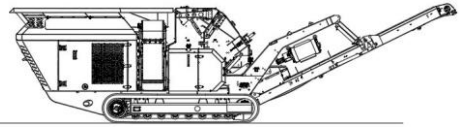
Total Net Price: \$829,628.02

Price Does Not Include Freight

Commonwealth Equipment * 36 Hazleton St * Ashley PA 18706

Phone: 877-217-4474 * commonwealthequipment.com

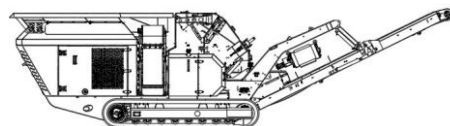
MST03282023



SPECIFICATIONS



McCloskey
I4C

**DESCRIPTION**

Heavy-duty track mounted Crusher with following features:

- 1050mm (41.3") diameter x 1125mm (44.3") wide Impactor.
- 375Hp (280kW) CAT LRC or T4/T5 engine.
- Crawler Tracks.
- Integrated hydraulic folding stockpiling conveyors.
- I-beam plate fabricated chassis construction.
- Open chassis design for ease of maintenance.
- Fast setup time.
- Apron adjustment to suit either Secondary or Primary crushing.

DIMENSIONS AND WEIGHTS

Length - transport	11,155m (36' – 7")
Width - transport	2.65m (8' – 8")
Height - transport	3.2m (10' – 6")
Weight	34,300 Kgs (75,600lbs) no magnet or dirt conveyor

CAPACITIES

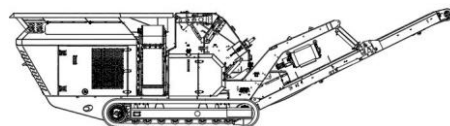
Diesel tank capacity	470L (124 US gal)
Hydraulic tank capacity	500 L (132 US gal)

IMPACTOR CHAMBER

Feed opening WxH	1150 x 800mm, (45.3 x 31.5")
Impactor rotor	1050mm (41.3") diameter x 1125mm (44.3") wide
Crusher speed	600-675 rpm (33-37.1 m/sec rotor tip speed)
Number of aprons	1
Number of blowbars	4, 2 High and 2 low as standard
Full blowbar weight	307Kg (677lbs)
Crusher Drive	Direct Drive
Feed size	600 x 500 x 500mm lump, (24" x 20" x 20")
Impactor weight	11,065kg (24,392 lbs)
Rotor weight	3,003kg (6,620 lbs)
Closed side setting adjustment	Hydraulic rams, shim system, spring tension.
Speed sensor	YES
Load sensor	Engine load monitoring

GRIZZLY FEEDER

Feeder width	1060mm (41.7")
Feeder length	4250mm (167.3")
Hopper width	2150mm (84.6")
Hopper length	4775mm (188")
Drive	Hydraulic
Motor	Hydreco MCC2210 70.1cc/rev
Grizzly section opening	Tapered 30-50mm or 45-65mm
Grizzly section length	1357mm (53.4")
Flow rate	Up to 70 Lpm (18.5 US gpm)
Adjustable speed	Yes
Maximum speed	970rpm
Volume	3.8m3 (5.0yd3)

**SIDE CONVEYOR**

Stockpile height	2758mm (9' – 1")
Belt width	600mm (24")
Belt spec	Plain - 400/3 3+1.5
Drive drum dia.	254.5mm (10")
Tail drum dia.	220mm (8.6") - spoked
Motor	OMS400
Flow rate	Up to 53.8 Lpm (14.2 US gpm)
Adjustable speed	YES
Maximum speed	Up to 132 rpm

MAIN CONVEYOR

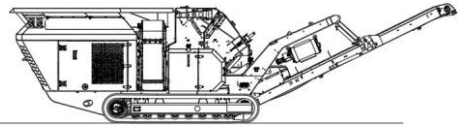
Stockpile height	3753mm (12' – 4")
Belt width	1200mm (48")
Belt spec	Plain - 630/2 9+3 straight warp
Drive drum dia.	350mm (13.8")
Tail drum dia.	289mm (11.4") – spoked
Motor	OMV630
Flow rate	Up to 86.6 Lpm (22.9US gpm)
Maximum speed	Up to 135 rpm
Angle adjustable	YES (when recirc removed)

POWERUNIT AND HYDRAULICS

Engine	CAT C9.3B LRC OR Tier 4/5
Engine power	280Kw (375 HP)
Engine speed	1600 - 1800 rpm
Impactor drive clutch	PT Tech HPTO12
PTO RH Pump	Hydreco 37/37/23 (PTO ratio 1.3:1)
PTO LH Pump	Hydreco 28.5/28.5 (PTO ratio 1.3:1)
Total system flow (max)	360 Lpm (95.1 US Gpm)
Hydraulic tank capacity	500 L (132 US gal)
Hydraulic tank ratio	1.37 : 1
Hydraulic Oil cooler	YES

MAGNET

Belt width	750mm (29.5")
Drive drum dia.	270mm (10.6")
Tail drum dia.	270mm (10.6")
Motor	OMS400
Flow rate	Up to 53.8 Lpm (14.2 US gpm)
Reversible	YES
Single Pole	YES

**ELECTRICS**

Emergency stops	4 off, 1 powerunit, 1 walkway, 2 chassis
Start Siren	YES – 10 sec delay
Control panel	Tedd Engineering / IFM 7"
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	STANDARD
Pendant track control	YES – plugged in control cabinet

TRACKS

Width	400mm (15.7")
Length	3800mm (12' – 1") crs
Height	815mm (32")
Gearbox	Bonfiglioli 711C3B
Ratio	144:1
Motor	Rexroth A2FE90
Speed max	1 Kph (0.62 Mph)
Flow rate	104 Lpm (27.5 US gpm)
	3 speeds, selectable on remote control
Multiple speeds	control
Creep tracking when crushing	Yes, activate from remote control
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

