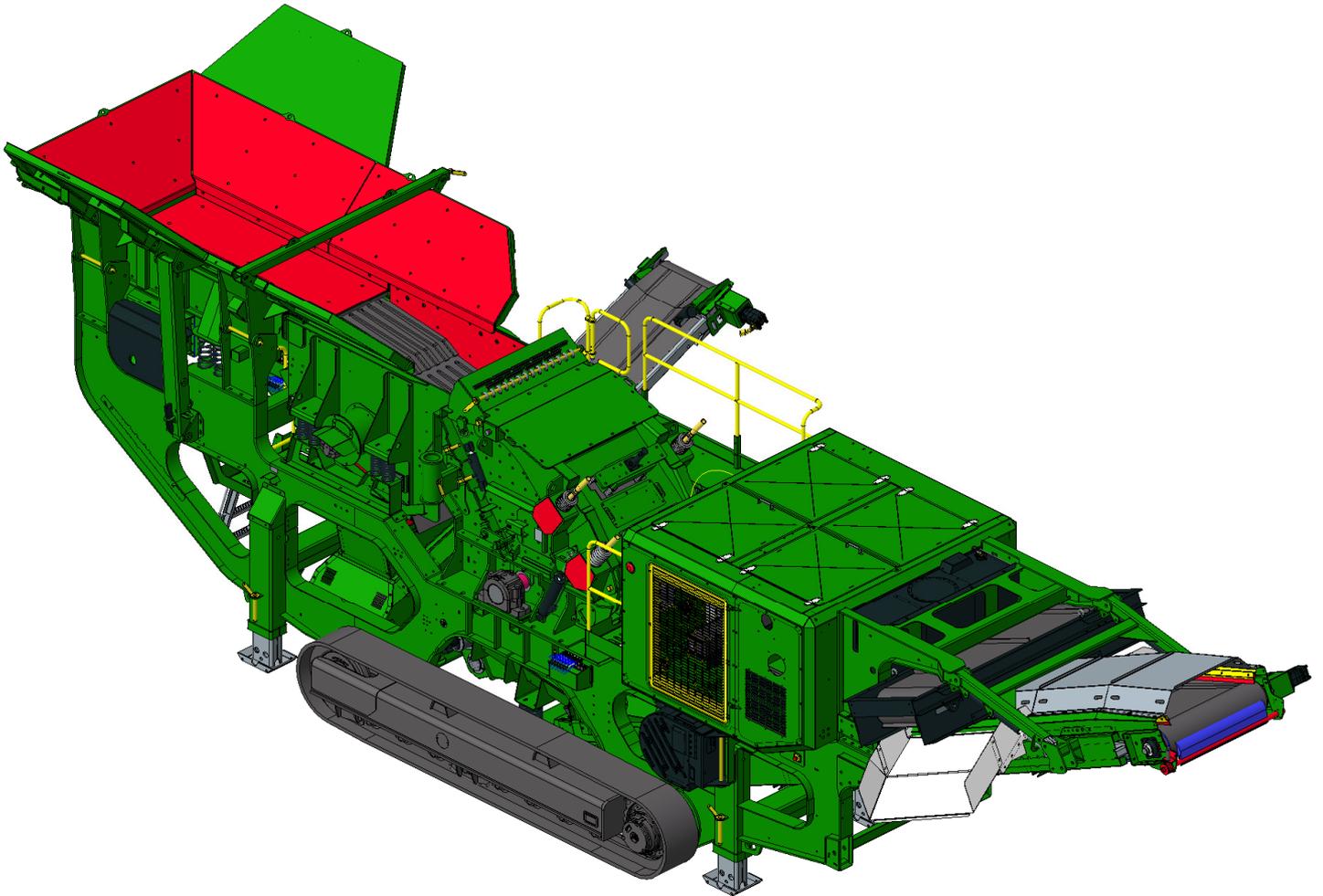
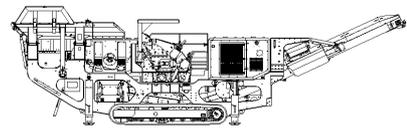


SPECIFICATIONS



McCloskey ***I44v3***

**DESCRIPTION**

Heavy duty track mounted Crusher with following features:

- 1050mm (41.3") diameter x 1125mm (44.3") wide Impactor.
- 360Hp (268kW) Volvo D11 T4 Final engine.
- Track or Track c/w Wheel bogie.
- Integrated hydraulic folding hopper.
- Integrated hydraulic folding stockpiling conveyors.
- I-beam plate fabricated chassis construction.
- Open chassis design for ease of maintenance
- Fast setup time
- Vibrating feeder under crusher discharge.

DIMENSIONS AND WEIGHTS

| | |
|----------------------|---|
| Length - transport | 15.668m (51' – 4.9") |
| Width - transport | 2.78m (9' – 1.5") |
| Height - transport | 3.40m (11' – 1.8") |
| Weight – (estimated) | 42,000 Kgs (92,594lbs) inc magnet & dirt conveyor |

CAPACITIES

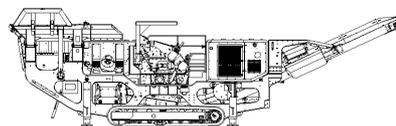
| | |
|-------------------------|--------------------|
| Diesel tank capacity | 595L (157 US gal) |
| Hydraulic tank capacity | 650 L (172 US gal) |

IMPACTOR CHAMBER

| | |
|--------------------------------|---|
| Feed opening WxH | 1149 x 708mm, (45.2 x 27.9") |
| Impactor rotor | 1050mm (41.3") diameter x 1125mm (44.3") wide |
| Crusher speed | 606-740 rpm (33.3-40.7 m/sec rotor tip speed) |
| Number of aprons | 2 |
| Number of blowbars | 4 |
| Full blowbar weight | 231Kg (509 lbs) |
| Crusher Drive | Direct Drive |
| Feed size | 600 x 500 x 500mm lump, (24" x 20" x 20") |
| Impactor weight | 10,300kg (22,700 lbs) |
| Rotor weight | 3,309kg (7,295 lbs) |
| Closed side setting adjustment | Hydraulic rams, shim system |
| Speed sensor | YES |
| Load sensor | Engine load monitoring |

PAN FEEDER

| | |
|------------------|--|
| Feeder width | 1064mm (41.8") |
| Feeder length | 2460mm (96.9") |
| Drive | Hydraulic |
| Motor | David Brown MCC 2208 59cc/rev |
| Flow rate | Up to 59.2 Lpm (15.6 US gpm) |
| Adjustable speed | Yes – via mechanical Flow Control |
| Variable speed | Yes – via electrical proportional pump |
| Maximum speed | 970rpm |

**DOUBLE DECK GRIZZLY PRE SCREEN**

| | |
|-------------------------------------|---------------------------------|
| Prescreen width (inside wearplates) | 1064mm (41.9") |
| Prescreen length overall | 2015mm (6' – 7.3") |
| Grizzly section opening | Tapered 40-70mm (1.6" – 2.8") |
| Grizzly section length | 2113mm (83.2") |
| Bottom deck mesh | 1494mm x 1060 (58.8" x 41.7") |
| Drive | Hydraulic |
| Motor | David Brown MCC 2208 58.7cc/rev |
| Flow rate | 85.5Lpm (22.6 US gpm) |
| Adjustable speed | NO |
| Auto stop start system | YES |
| Maximum speed | 1050rpm |

HOPPER

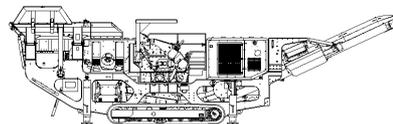
| | |
|----------------|---|
| Length overall | 4280mm (14' – 0.5") |
| Width | 2180mm (7' – 1.8") |
| Volume | 6.0m ³ (7.8yd ³) |
| Material | 8mm sides + 10mm Hardox liners |
| Locking system | Hydraulic rear wedges and side hydraulic legs |

SIDE CONVEYOR

| | |
|------------------|------------------------------|
| Stockpile height | 2488mm (8' – 2") |
| 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 | Up to 55.4 Lpm (14.6 US gpm) |
| Adjustable speed | YES |
| Maximum speed | Up to 138 rpm |

MAIN CONVEYOR

| | |
|------------------|----------------------------|
| Stockpile height | 4142mm (13' – 7.1") |
| Belt width | 1200mm (48") |
| Belt spec | Plain 500/3 8+2 |
| Drive drum dia. | 330mm (13") |
| Tail drum dia. | 287mm (11.3") – spoked |
| Motor | OMV800 |
| Flow rate | Up to 84 Lpm (22.2 US gpm) |
| Maximum speed | Up to 105 rpm |
| Angle adjustable | YES |
| Quick release | YES |

**PAN FEEDER UNDER IMPACTOR (OPTIONAL)**

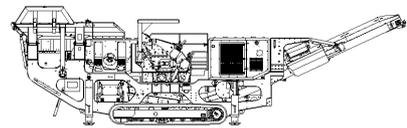
| | |
|---------------------------|-----------------------------|
| Width (across base plate) | 1264mm (49.8") |
| length | 2370mm (93.3") |
| Base liners | 10mm (3/8") stainless steel |
| Side liners | 12mm (1/2" Hardox 400 |
| Operating angle | 8° |
| Vibrating motor | Twin out of balance mass |
| Hydraulic motor | 2 off Eaton 32.9cc/rev |
| Fixed speed | YES |
| Flow rate | 85.5 Lpm (22.6 US gpm) |

POWERUNIT AND HYDRAULICS

| | |
|--|----------------------------------|
| Engine | Volvo D11 Tier 4 Final or Tier 3 |
| Engine power | 268 Kw (360 HP) |
| Engine speed | 1600 - 1880 rpm |
| Impactor drive clutch | PT Tech HPTO14TF1 |
| Flywheel Pump 1 (Tracks/Feeder) | Kawasaki K3VL80 |
| Flywheel Pump 2 (Tracks/Main conveyor) | Kawasaki K3VL80 |
| LH PTO Pump 3 (Prescreen/Side conv) | Turolla 29/23/07 |
| Front PTO Pump 4 (Underpan/Pilot) | Turolla 36/07 |
| Total system flow (max) | 353.5 Lpm (93.4 US Gpm) |
| Hydraulic tank capacity | 650 L (172 US Gals) |
| Hydraulic tank ratio | 1.83 : 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 / IFM |
| Engine shutdowns: | Low oil pressure High water temp Air filter blockage (selectable) Fuel contamination Low hydraulic tank level High hydraulic return line filter backpressure High hydraulic water filter backpressure High hydraulic oil temperature |
| Radio control tracks and feeder | STANDARD |
| Pendant track control | YES – plugged in control cabinet |

**TRACKS**

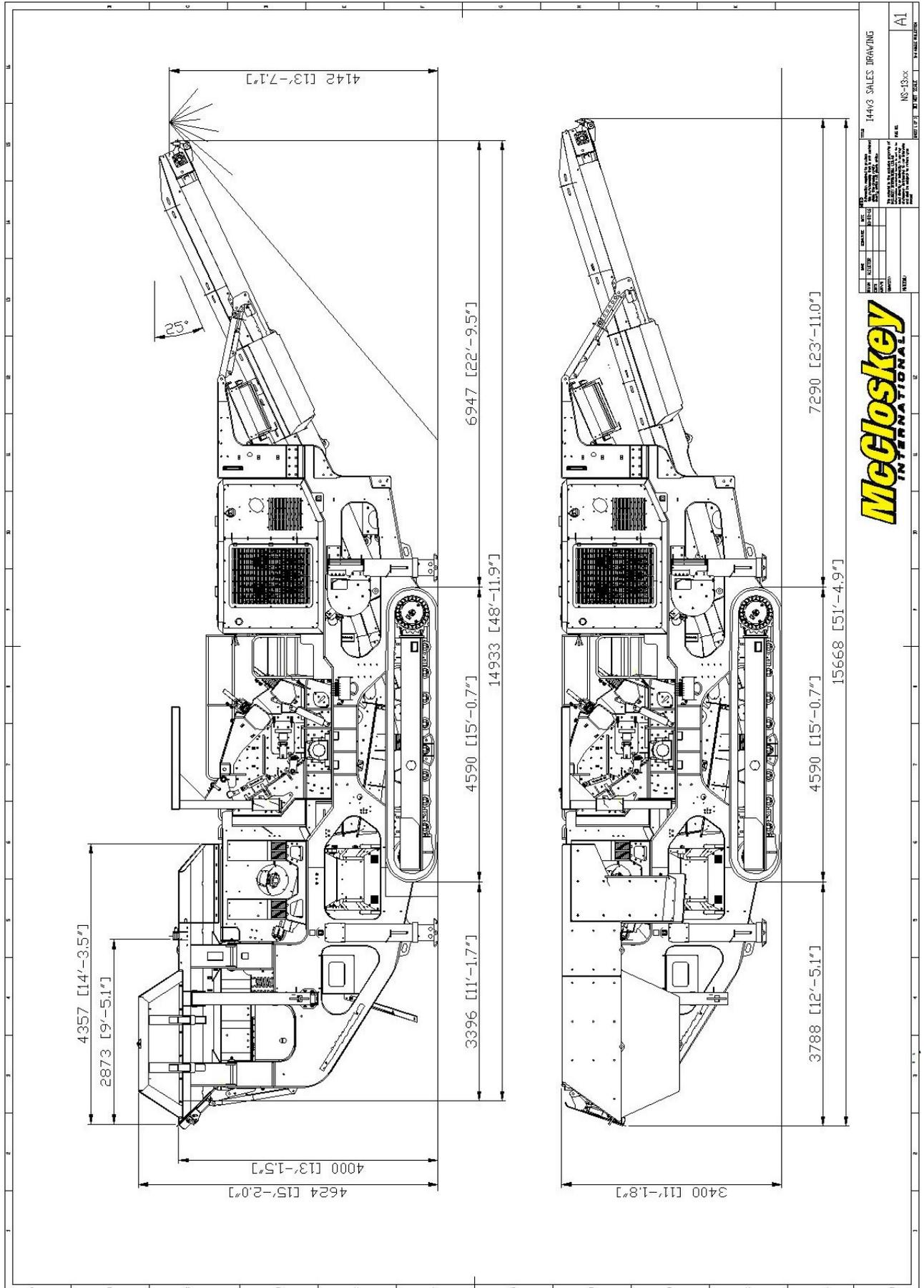
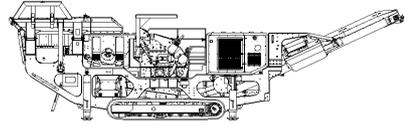
| | |
|-----------------------|--|
| Width | 400mm (15.7") |
| Length | 3800mm (12' – 5.5") crs |
| Height | 817mm (32") |
| Gearbox | Bonfiglioli 711 (or equivalent) |
| Ratio | 144:1 |
| Motor | Rexroth A2FE90 |
| Speed max | 1.50 Kph (0.93 Mph) |
| Flow rate | 152 Lpm (40.2 US gpm) |
| Multiple speeds | Three speed system selectable at control panel with smooth start / stop. |
| Attachment to chassis | Bolt On for quick change |

OPTIONS

| | |
|--|----------|
| Main conveyor variable speed control | |
| Hopper Extensions | |
| Overband magnet | |
| Water Pump and dust suppression system | |
| Various blow bar material options | |
| Work lights | |
| Belt Scale | |
| Refueling pump | STANDARD |

SAFETY FEATURES

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



McCloskey
 INTERNATIONAL

144v3 SALES DRAWING

REV. NO. 18-130x

DATE 11/17/16

BY [Signature]

CHECKED [Signature]

APP. [Signature]

SCALE 1:1

PROJ. NO. 144v3

FIG. NO. 18-130x

SHEET 11 OF 12

11-10-16-001