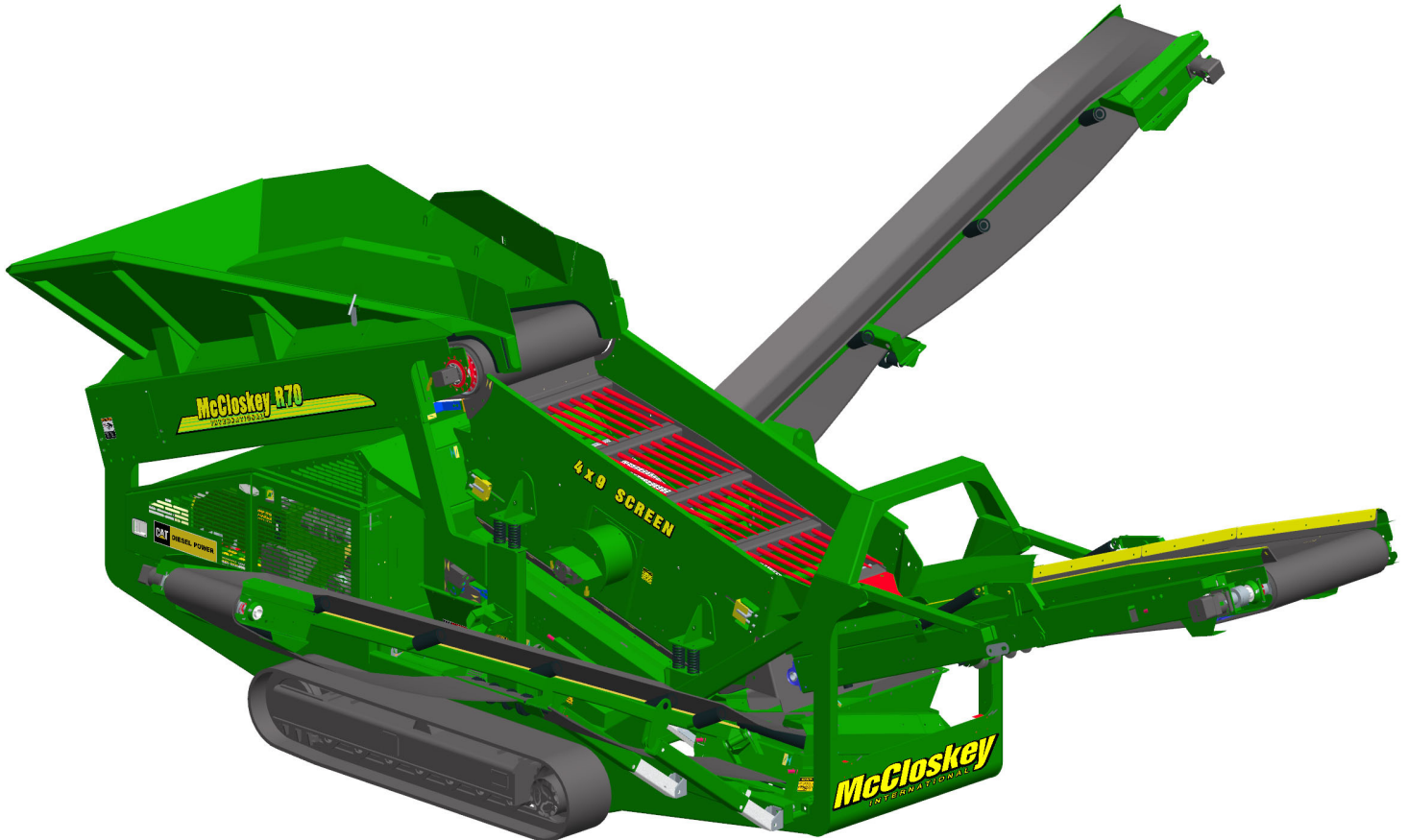
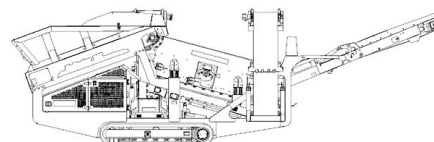


SPECIFICATIONS



McCloskey ***R70***

**DESCRIPTION**

Heavy duty mobile screener with following features:

- 9x4 heavy duty high energy 2 bearing screenbox.
- 100HP Diesel engine.
- Track mobile.
- Direct feed Hardox lined hopper.
- Integrated hydraulic folding stockpiling conveyors.
- Fast on site setup time – 10 minutes.
- Service standing room inside Powerpack.

DIMENSIONS AND WEIGHTS

Length – working	11.49m (37' – 9")
Width – working	12.45m (40' – 10")
Length – transport	9.68m (31' – 9")
Width – transport	2.50m (8' – 2.4")
Height – transport	3.20m (10' – 6")
Weight – track	15,400 Kgs (33,951 lbs)

CAPACITIES

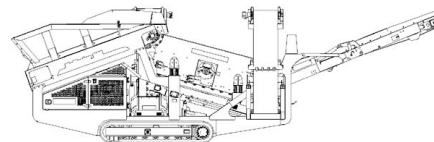
Diesel tank capacity	342 L (90 US gal)
Hydraulic tank capacity	516 L (136 US gal)
Capacity – hopper (level)	Approx 4.13m ³ (5.4 cu yds)

BELT FEED CONVEYOR

Belt width	1200mm (48")
Belt spec	Heavy Duty Plain 500/4 8+2
Drive drum dia.	335mm (13.1")
Tail drum dia.	320mm (12.5")
Gearbox	Dual drive
Gearbox ratio	24.2 : 1
Gearbox torque	7,000Nm cont, 12,500Nm max
Motor	Danfoss OMSS125 / Eaton 125cc
Flow rate	72.6 Lpm (19.2 US gpm)
Adjustable speed	YES
Maximum speed	12 rpm

COLLECTION CONVEYOR

Belt width	1050mm (42")
Belt spec	Plain 400/3 4+2
Drive drum dia.	230mm (9")
Tail drum dia.	220mm (8.7")
Motor	Danfoss OMT500 / Eaton 500cc
Flow rate	72.6 Lpm (19.2 US gpm)
Adjustable speed	YES
Maximum speed	145.2 RPM

**TAIL CONVEYOR**

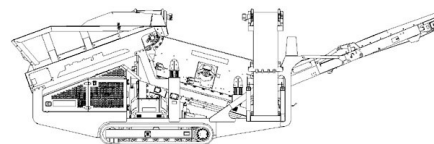
Stockpile height	3.38m (11' - 1")
Angle	22 degrees fixed
Belt width	1050mm (42")
Belt spec	Heavy Duty Chevron – 500/3 5+1.5
Drive drum dia.	293mm (11.5")
Tail drum dia.	220mm (8.7")
Motor	Danfoss OMV630 / Eaton 630cc
Flow rate	72.6 Lpm (19.2 US gpm)
Adjustable speed	YES
Maximum speed	115 RPM

FINE PRODUCT SIDE CONVEYOR

Stockpile height	3.56m (11' – 8")
Angle	25 degrees fixed
Belt width	650mm (26")
Belt spec	Plain - 400/2 4+2
Drive drum dia.	230mm (9")
Tail drum dia.	220mm (8.7")
Motor	Danfoss OMT400 / Eaton 400cc
Flow rate	59.4 Lpm (15.7 US gpm)
Adjustable speed	YES
Maximum speed	148.5 RPM

MID PRODUCT SIDE CONVEYOR

Stockpile height	3.56m (11' – 8")
Angle	25 degrees fixed
Belt width	650mm (26")
Belt spec	Plain - 400/2 4+2
Drive drum dia.	230mm (9")
Tail drum dia.	220mm (8.7")
Motor	Danfoss OMT400 / Eaton 400cc
Flow rate	59.4 Lpm (15.7 US gpm)
Adjustable speed	YES
Maximum speed	148.5 RPM

**SCREENBOX**

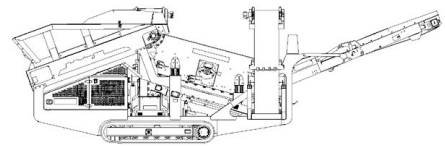
Dimensions – top deck	2.8m x 1.220m (9' x 4')
Dimensions – bottom deck	2.592m x 1.220m (8.5' x 4')
Screen area top & bottom deck	6.50 m ² (70 ft ²)
Bearing type	NSK 22219
Screens – top deck	1.4m x 1.16m (7' x 4') side tension – 2 off
Screens – bottom deck	1.677m x 1.22m (5.5' x 4') end tension – 1 off 0.915m x 1.22m (3' x 4') end tension – 1 off
Tensioning – top deck	Curved tension bar and adjuster
Tensioning – bottom decks	Curved tension bars and adjusters
Screen angle – top deck	15 degrees fixed
Screen angle – btm deck 1 st section	20 degrees fixed
Screen angle – btm deck 2 nd section	15 degrees fixed
Screen motor	David Brown Hyd. MCC2208 (58.7cc/rev)
Drive system	Direct drive with HRC180 coupling
Hydraulic flowrate	72.6 Lpm (19.2gpm)
Speed adjustable	YES – Pressure compensated FCV
Screen stroke adjustable	8 - 10mm
Screen shaft speed	940 - 960 rpm
Screen 'g' force	5.05 g

POWERUNIT AND HYDRAULICS

Engine	CAT 4.4
Engine power	74.5kW (100Hp)
Engine speed	2200 rpm
Flywheel Pump 1	David Brown Hyd. 5033,5033,5027
Total system flow	204.6 Lpm (54.0 US Gpm)
Hydraulic tank capacity	516 L (114 Gal,136 US gal)
Hydraulic tank ratio	2.52 : 1
Hydraulic Oil cooler	YES

ELECTRICS

Emergency stops	2 off, powerunit RH&LH
Chassis cabling	Armored cable
Start Siren	YES – 10 sec delay
Engine shutdowns:	Low oil pressure High engine 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 at powerunit end

**TRACKS**

Width	400mm (1' – 3.75")
Length	2470mm (8' – 1") centres
Height	594mm (2' – 5")
Gearbox	Lohman
Ratio	170.2 : 1
Motor	Rexroth 45/22.9
Speed max	0.82 Kph (0.51 mph)
Flow rate	72.6 Lpm (19.2 US Gpm)
Attachment to chassis	Bolt On for quick change

OPTIONS

- Heavy duty top deck finger screen.
- Bottom deck finger screen.
- Top deck punch plate screen.
- Bottom deck punch plate
- Radio remote control for tracks.

SAFETY FEATURES

- External belt alignment points.
- External grease points.
- Engine safety shutdown systems.
- Full safety guarding for nip points.
- CE compliance.

