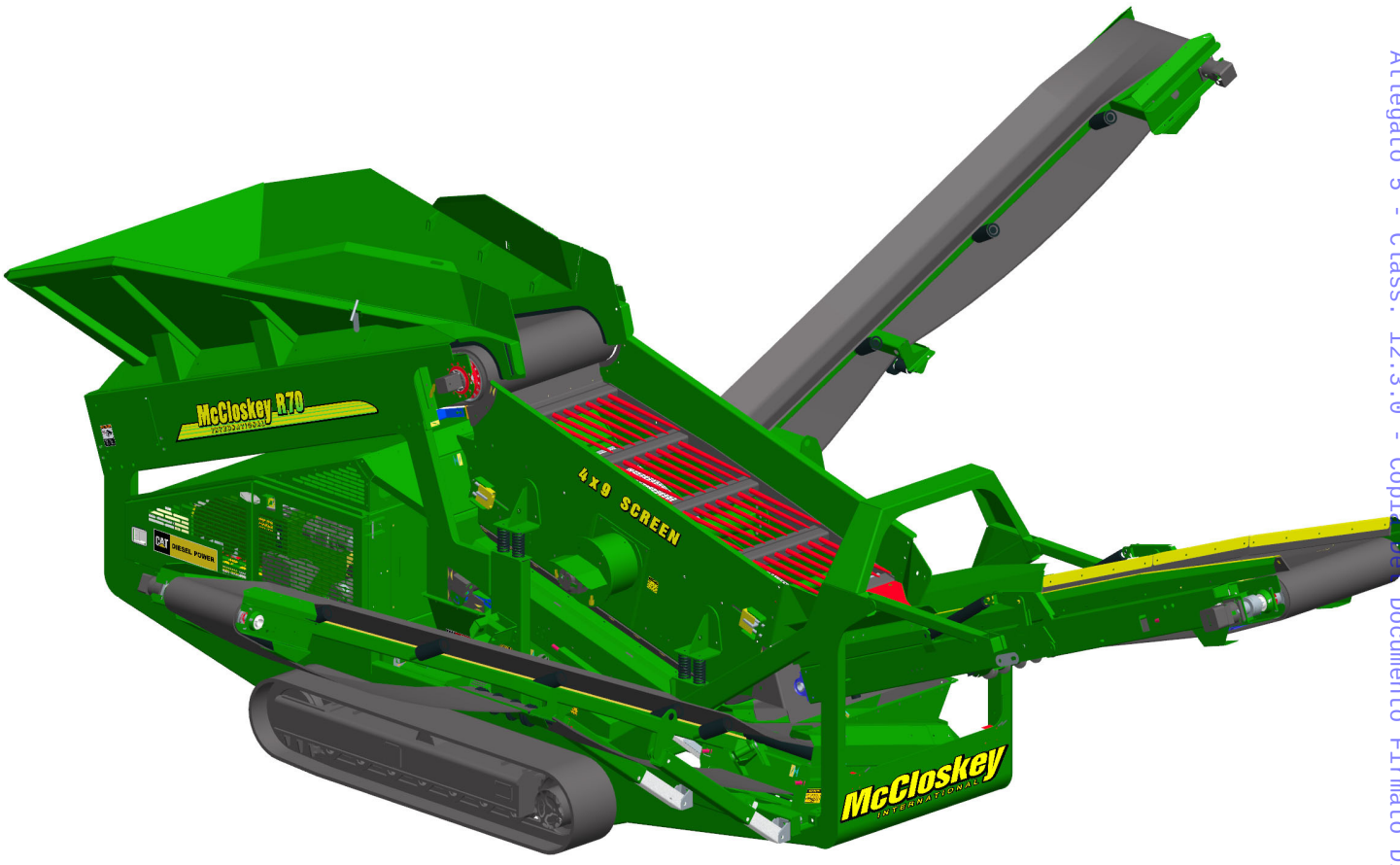


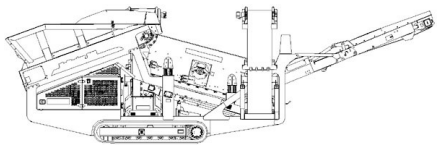
SPECIFICATIONS



McCloskey R70

CITTA METROPOLITANA DI VENEZIA
Protocollo Arrivo N. 80702/2026 del 11-11-2026
Allegato 5 - Class. 12.3.0 - Copia del Documento Firmato Digitalmente

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DESCRIPTION

Heavy duty mobile screener with following features:

- 9x4 heavy duty high energy 2 bearing screenbox.
- 63Kw (84Hp) JCB 444 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	9.86m (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 4.13m³ (5.4 cu yds)

BELT FEED CONVEYOR

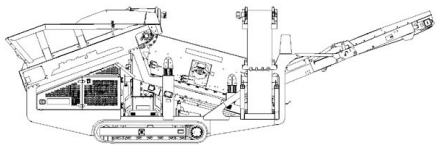
Belt width	1200mm (48")
Belt spec	Heavy Duty Plain 500/4 8+2
Drive drum dia.	335mm (13.1")
Tail drum dia.	320mm (12.5")
Gearbox	Dual drive
Gearbox ratio	24.2 : 1
Gearbox torque	7,000Nm cont, 12,500Nm max
Motor	Danfoss OMSS125 / Eaton 125cc
Flow rate	72.6 Lpm (19.2 US gpm)
Adjustable speed	YES
Maximum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

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Protocollo Arrivo N. 80702/2026 del 11-11-2026
Allegato 5 - Class. 12.3.0 - Copia Del Documento Firmato Digitalmente

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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

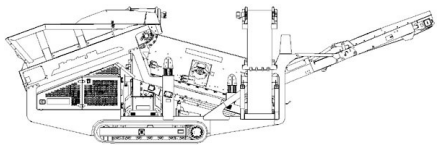
Stockpile height	3.56m (11' – 8")
Angle	25 degrees fixed
Belt width	650mm (26")
Belt spec	Plain - 400/2 4+2
Drive drum dia.	230mm (9")
Tail drum dia.	220mm (8.7")
Motor	Danfoss OMT400 / Eaton 400cc
Flow rate	59.4 Lpm (15.7 US gpm)
Adjustable speed	YES
Maximum speed	148.5 RPM

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

CITTA METROPOLITANA DI VENEZIA
Protocollo Arrivo N. 80702/2026 del 11-11-2026
Allegato 5 - Class. 12.3.0 - Copia Del Documento Firmato Digitalmente

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SCREENBOX

Dimensions – top deck	2.745m 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 m² (70 ft²)
Bearing type	NSK 22219
Screens – top deck	2.745m x 1.22m (9' x 4') end tension – 1 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 1st section	20 degrees fixed
Screen angle – btm deck 2nd 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

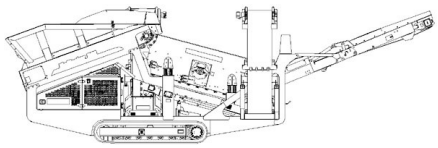
Engine	JCB 444 IPU T3 TC-63
Engine power	63kW (84Hp)
Engine speed	2200 rpm
Flywheel Pump 1	David Brown Hyd. 5033,5033,5027
Total system flow	204.6 Lpm (54.0 US Gpm)
Hydraulic tank capacity	516 L (114 Gal,136 US gal)
Hydraulic tank ratio	2.52 : 1
Hydraulic Oil cooler	YES

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

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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

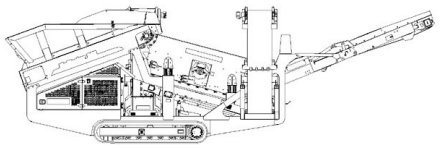
Heavy duty top deck finger screen.
Bottom deck finger screen.
Top deck punch plate screen.
Bottom deck punch plate
Radio remote control for tracks.

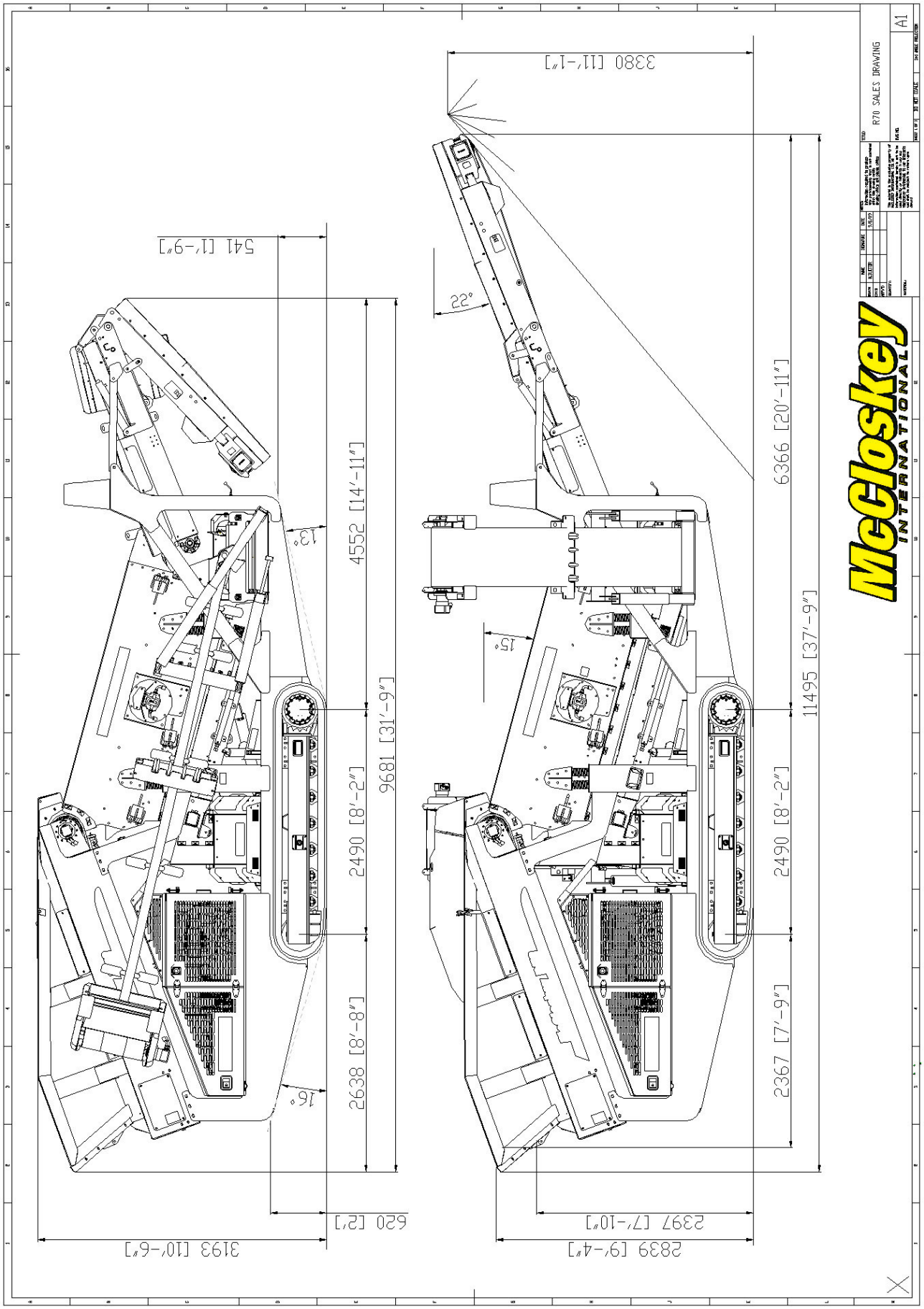
SAFETY FEATURES

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

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Protocollo Arrivo N. 80702/2026 del 11-11-2026
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