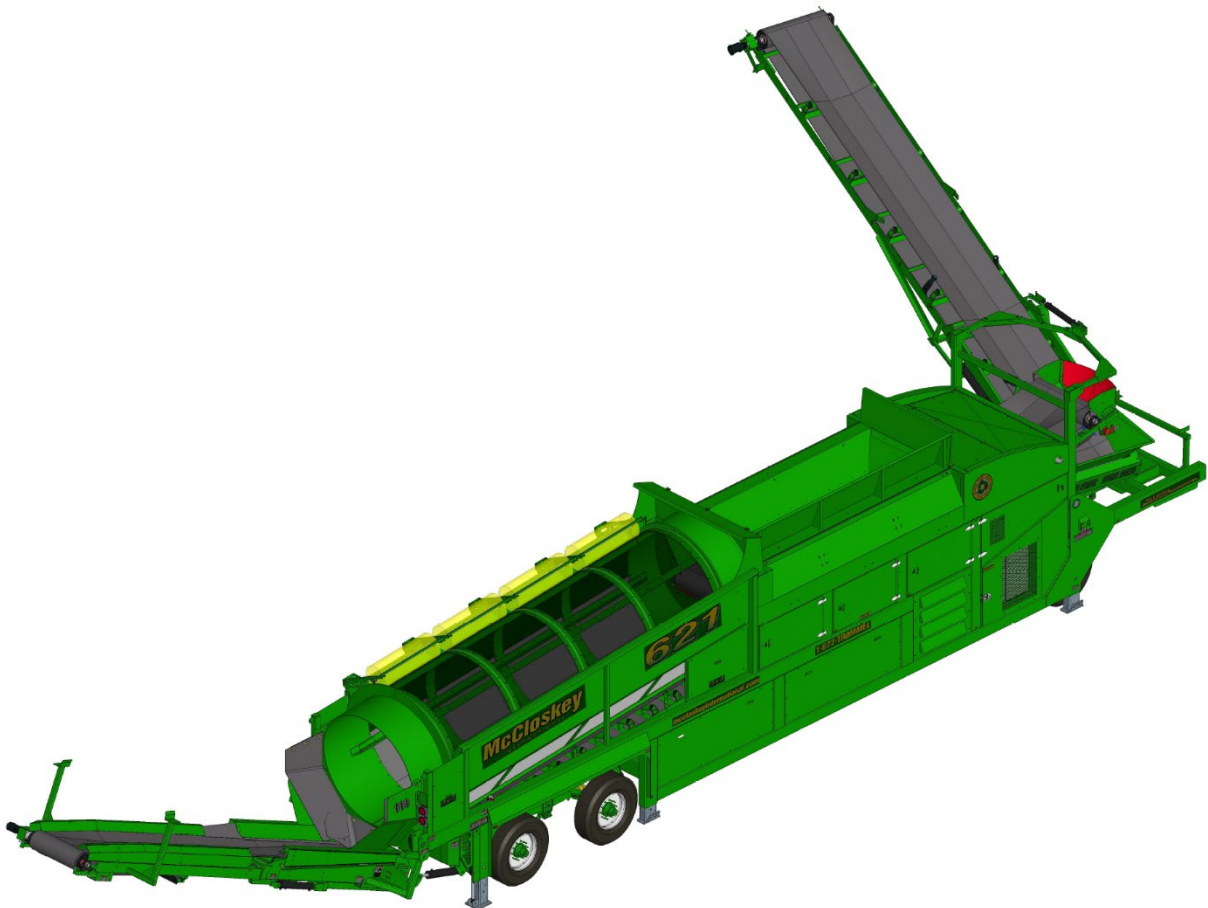
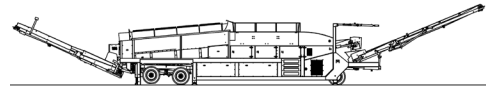


SPECIFICATIONS

621RE Trommel



Note: Optional equipment may be displayed



DESCRIPTION

Heavy duty mobile trommel with following features:

- 6' x 21' heavy duty trommel drum
- 130 kW (174 hp) diesel engine
- Integrated hydraulic folding stockpiling conveyors
- Remote control radial conveyor
- Fast on-site setup time (10 minutes)

SAFETY FEATURES

- External belt alignment points
- External grease points
- Full safety guarding for nip points

DIMENSIONS AND WEIGHTS

Working Dimensions

Length.....	29.13 m (95' – 6½")
Width	15.10 m (49' – 6½")
Height	5.11 m (16' – 9")

Transport Dimensions

Length.....	18.52 m (60' – 9")
Width	2.59 m (8' – 6")
Transport Height.....	4.11 m (13' – 6")
Loading Height	4.21 m (13' – 10")

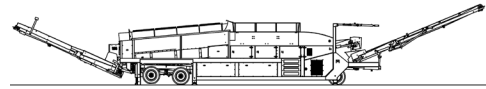
Weight (approximate)..... 23 400 Kgs (51 500 lbs.)

CAPACITIES

Hydraulic tank capacity	940 L (250 US gal)
Diesel tank capacity.....	1210 L (320 US gal)
Hopper Capacity.....	5 m ³ (6.5 yd ³)

FEED CONVEYOR

Belt width	1050 mm (42")
Belt spec.....	Plain 630/4 6+2
Drive drum diameter	324 mm (12 ¾ ")
Tail drum diameter.....	305 mm (12")
Gearbox.....	Brevini CTD2051
Gearbox ratio.....	34,7:1
Motor	Sam Hydraulik BRZ250
Flow rate	83 lpm (22 US gpm)
Adjustable speed	Yes
Maximum speed	10 rpm

**FINES CONVEYOR**

Belt width	1050 mm (42")
Belt spec	Plain 400/3 4+2
Drive drum diameter	254 mm (10")
Tail drum diameter	305 mm (12")
Motor	White DR33
Flow rate	75 lpm (20 US gpm)
Maximum speed	143 rpm

RADIAL CONVEYOR

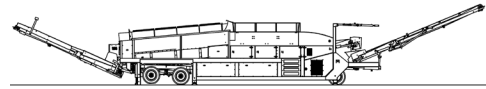
Stockpile height	5.11 m (16' – 9")
Belt width	1050 mm (42")
Belt spec	Plain - 400/3 4+2
Drive drum diameter	254 mm (10")
Tail drum diameter	254 mm (10")
Motor	White DR33
Flow rate	75 lpm (20 US gpm)
Maximum speed	143 rpm

OVERSIZE CONVEYOR

Stockpile height	3.47 m (11' – 4 ½")
Belt width	900 mm (36")
Belt spec	Chevron - 315/3 3+1.5
Drive drum diameter	254 mm (10")
Tail drum diameter	254 mm (10")
Motor	White DR33
Flow rate	68 lpm (18 US gpm)
Maximum speed	130 rpm
Adjustable speed	Yes

TROMMEL (DRUM)

Dimensions	1.83 m x 6.40 m (6' x 21')
Screening Area	27.5 m ² (296 ft ²)
Trommel angle	5 deg
Trommel motor	Poclain MSE02 (22.2 cc/rev)
Drive system	Direct drive with 18x7 rubber wheels
Hydraulic flow rate	170 lpm (45 US gpm)
Trommel speed	10 – 30 rpm
Adjustable speed	Yes
Longitudinal Trommel Supports	5 angle type lifters
Cleaning Brushes	Ground adjustable Ø16x 50" polyester brushes

**POWERUNIT AND HYDRAULICS**

Engine power.....	130 kW (174 hp) diesel engine
Engine speed.....	2200 rpm
Flywheel pump 1	David Brown R5000
LH PTO pump 2.....	Vicker's V20
Total system flow.....	397 lpm (105 US gpm)
Hydraulic tank ratio.....	2.4 : 1
Hydraulic oil cooler	Yes

ELECTRICS

Emergency stops.....	4 off, all 4 corners of the machine
Chassis cabling	Armored cable
Start Siren.....	Yes – 10 sec delay
Engine room light.....	Yes
Remote radial	Yes – 6 function timed
Radio-controlled tracks.....	Yes
Pendant track control	Yes – plugged at powerunit
Engine shutdowns:	
▪ Low oil pressure	
▪ High water temperature	
▪ Air filter blockage (selectable)	
▪ Fuel contamination	
▪ Low hydraulic tank level	

WHEELS

Axles.....	Spread Tandem Axle 1.83 m (72")
Wheels.....	Single 315/80R22.5 (4 tires)
Spring suspension.....	Yes
Brakes	Yes
Mudguards.....	Yes
ABS	Option

OPTIONS

- | | |
|-------------------------------|--------------------------------------|
| ▪ Hydraulic Tipping Grid | ▪ Remote Feeder on/off |
| ▪ Double Brushes | ▪ Hydraulic raise/lower track system |
| ▪ Auto Reversing Fan | ▪ Live Head - Double or Single Deck |
| ▪ Auxiliary Hydraulic Circuit | ▪ Punch Plate Screens |

