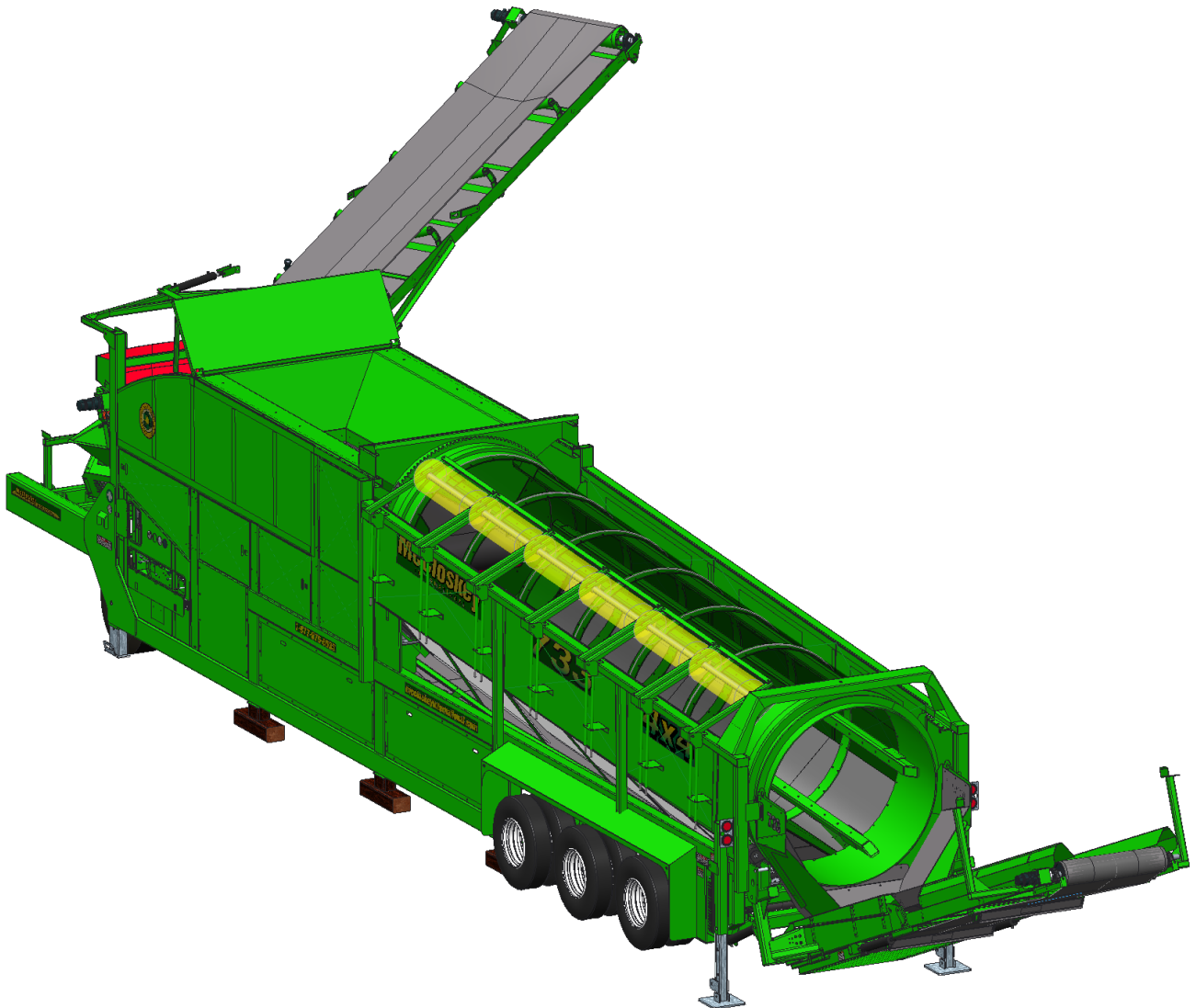
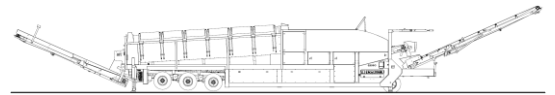


SPECIFICATIONS

733RE



Note: Optional equipment may be displayed



DESCRIPTION

Heavy duty mobile trommel with the following features:

- Large capacity 7'x33' heavy duty trommel drum
- 225Hp C6.6 CAT engine
- Wheel mobile
- 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
- Engine safety shutdown systems
- Full safety guarding for nip points

DIMENSIONS AND WEIGHTS

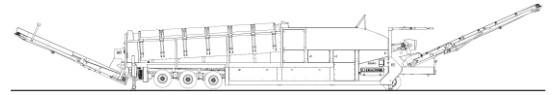
Transport Length	21.19m (69' – 6½")
Transport Width	3.30m (10' – 10")
Transport Height	4.12m (13' – 6")
Weight	36,630 Kgs (80,750 lbs.)
Load Height	3.78m (12' – 5")
Working Length	31.53m (103' – 5½")
Working Width	15.19m (49' – 10")
Working Height	5.09m (16' – 8")

CAPACITIES

Diesel tank capacity	1210 L (320 US gal)
Hydraulic tank capacity	1033 L (273 US gal)
Hopper Capacity	6.9 m ³ (9 yd ³)

FEED CONVEYOR

Belt width	1.20m (48")
Belt spec	Plain 630/4 6+2
Drive drum dia.	406mm (16")
Tail drum dia.	406mm (16")
Gearbox	Bonfig 805 W2
Gearbox ratio	24,2:1
Motor	Danfoss OMSS315
• Flow rate	83 l/m (22 US g/m)
• Adjustable speed	Yes
• Maximum speed	9 rpm



FINES CONVEYOR

Belt width	1.37m (54")
Belt spec	Plain 500/3 5+1.5
Drive drum dia.	305mm (12")
Tail drum dia.	305mm (12")
Motor	DT46
<ul style="list-style-type: none"> • Flow rate • Maximum speed 	128 l/m (34 US g/m) 169 rpm

RADIAL CONVEYOR

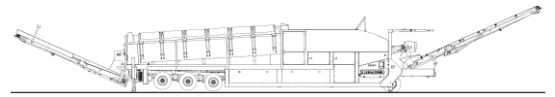
Stockpile height	5.09m (16' – 8")
Belt width	1.20m (48")
Belt spec	Plain - 400/3 4+2
Drive drum dia.	254mm (10")
Tail drum dia.	254mm (10")
Motor	DT46
<ul style="list-style-type: none"> • Flow rate • Maximum speed 	128 l/m (34 US g/m) 169 rpm

OVERSIZE CONVEYOR

Stockpile height	3.5m (11' – 6")
Belt width	1.2m (48")
Belt spec	Chevron - 315/3 3+1.5
Drive drum dia.	254mm (10")
Tail drum dia.	254mm (10")
Motor	DT33
<ul style="list-style-type: none"> • Flow rate • Maximum speed • Adjustable speed 	53 l/m (14 US g/m) 141 rpm Yes

TROMMEL (DRUM)

Dimensions	2.13m x 10.06m (7' x 33')
Screening Area	47 m ² (510 ft ²)
Trommel angle	3 deg
Trommel motor	H1C 75 + 306 gearbox
Drive system	Chain drive
Hydraulic flow rate	294 l/m (78 US g/m)
Trommel speed	10 – 24 rpm
Adjustable speed	Yes
Longitudinal Trommel Supports	6 tube type lifters
Cleaning Brushes	Ground adjustable Ø16x 50" polyester brushes



POWERUNIT AND HYDRAULICS

Engine	CAT C6.6
Engine power	225 HP (168kW)
Engine speed	2200 rpm
Flywheel Pump 1	Parker P365 2½"
Flywheel Pump 2	Parker P330 2" + 1"
PTO Pump	Vickers V20
Total system flow	560 l/m (148 US g/m)
Hydraulic tank capacity	1040 L (275 US Gals)
Hydraulic tank ratio	1.86 : 1
Hydraulic oil cooler	Yes (x2)

ELECTRICS

Emergency stops	4 off (all 4 corners)
Chassis cabling	Armored cable
Start Siren	Yes - 10 sec delay
Engine shutdowns:	Low oil pressure High water temp Air filter blockage (selectable) Fuel contamination Low hydraulic tank level
Engine room light	Yes
Remote control radial	Yes - 4 function

WHEELS

Axle centers	Tri-axle 1.520m (60") Spread
Wheels	Dual - 11R22.5 (12 tires)
Spring suspension	Yes
Brakes	Yes
Mudguards	Yes
ABS	Optional

OPTIONS

- Hydraulic Tipping Grid
- Double Brushes
- Auto Reversing Fan
- Auxiliary Hydraulic Circuit
- Punch Plate Screens
- Remote Feeder (on/off)
- Spare Drum

