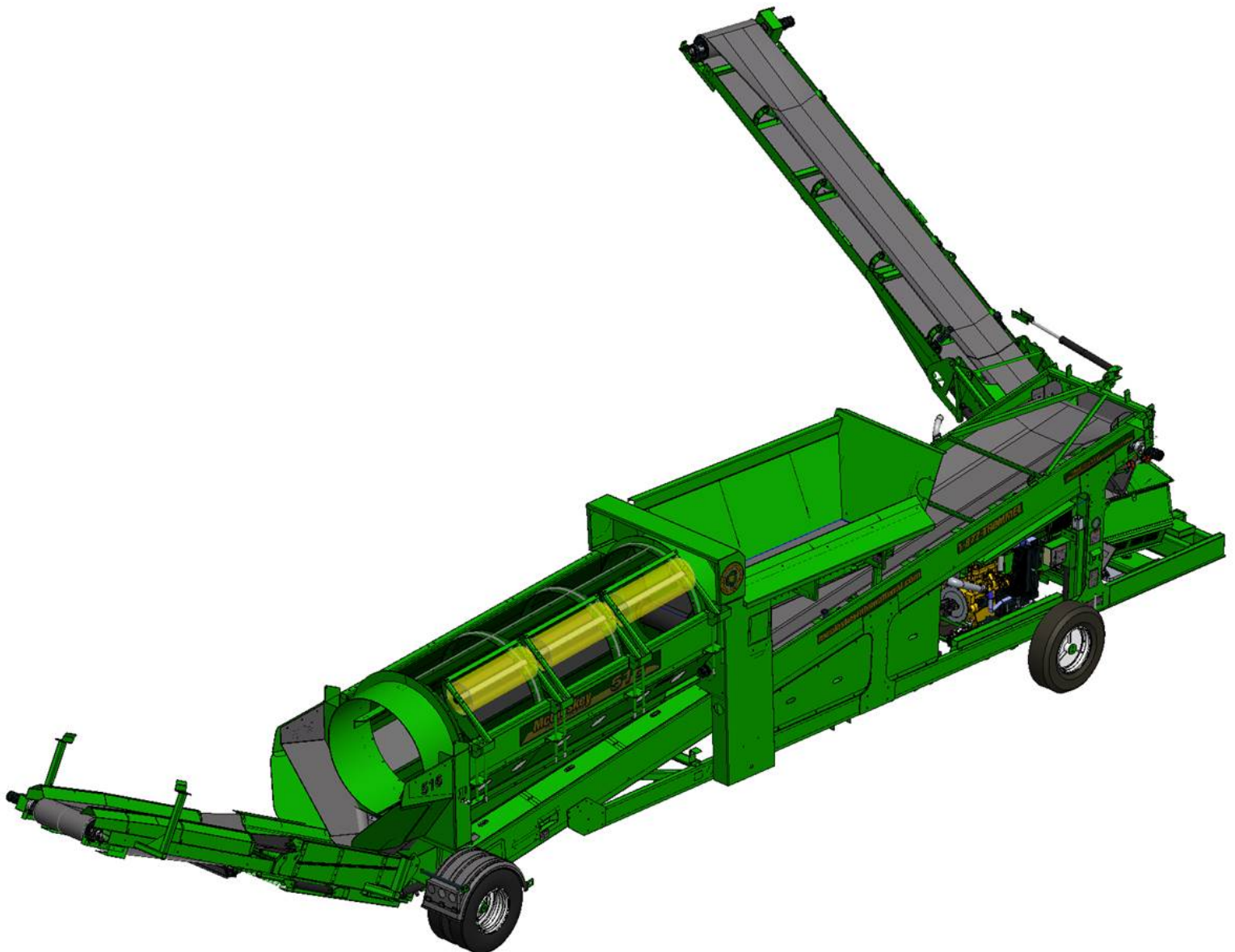
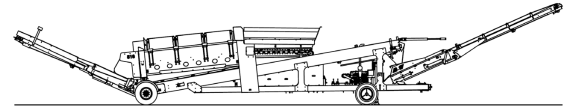


SPECIFICATIONS

516RE



Note: Optional equipment may be displayed



DESCRIPTION

Heavy duty mobile trommel with following features:

- 5x16' heavy duty trommel drum
- 100Hp CAT C4.4 diesel engine
- Wheeled mobility
- 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

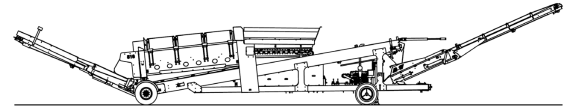
Transport Length	16.01m (52' – 6½")
Transport Width	2.9m (9' – 6")
Transport Height	4.12m (13' – 6")
Weight	16,330 Kgs (36,000 lbs.)
Loading Height	3.04m (10' – 0")
Working Length	26.06m (85' – 6")
Working Width	14.82m (48' - 8")
Working Height	4.61m (15' – 1½")

CAPACITIES

Diesel tank capacity	295 L (78 US gal)
Hydraulic tank capacity	680 L (180 US gal)
Hopper Capacity	3.44 m ³ (4.5 yd ³)

FEED CONVEYOR

Belt width	750mm (30")
Belt spec	Plain 500/3 5+1.5
Drive drum dia.	324mm (12.75")
Tail drum dia.	254mm (10")
Gearbox	Brevini CTD2051
Gearbox ratio	34,7:1
Motor	Sam Hydraulik BRZ250
• Flow rate	68 l/m (18 US g/m)
• Adjustable speed	Yes
• Maximum speed	8 rpm



FINES CONVEYOR

Belt width	1200mm (48")
Belt spec	Plain 400/3 4+2
Drive drum dia.	254mm (10")
Tail drum dia.	254mm (10")
Motor	White RE32
• Flow rate	83 l/m (22 US g/m)
• Maximum speed	157 rpm

RADIAL CONVEYOR

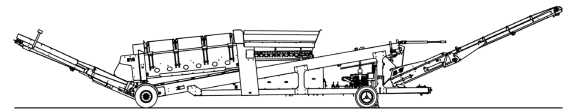
Stockpile height	4.61m (15' – 1 ½")
Belt width	750mm (30")
Belt spec	Plain - 400/3 4+2
Drive drum dia.	254mm (10")
Tail drum dia.	254mm (10")
Motor	White RE32
• Flow rate	83 l/m (22 US g/m)
• Maximum speed	157 rpm

OVERSIZE CONVEYOR

Stockpile height	3.08m (10'- 1")
Belt width	750mm (30")
Belt spec	Chevron - 315/3 3+1.5
Drive drum dia.	254mm (10")
Tail drum dia.	254mm (10")
Motor	White RE32
• Flow rate	39.0 l/m (10 US g/m)
• Maximum speed	38 rpm
• Adjustable speed	Yes

TROMMEL (DRUM)

Dimensions	1.52 m x 4.88 m (5' x 16')
Screening Area	17.65 m ² (190 ft ²)
Trommel angle	5 deg
Trommel motor	White DT19 (19.3cc/rev)
Drive system	Direct drive with 18x7 rubber wheels
Hydraulic flow rate	125 l/m (33 US g/m)
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	CAT C4.4
• Power	100 HP
• Speed	2200 rpm
Flywheel Pump 1	P257 64, 42, 35, 10
LH PTO Pump 2	P124 20
Total system flow	303 l/m (83 US g/m)
Hydraulic tank capacity	680 L (180 US Gals)
Hydraulic tank ratio	2.3 : 1
Hydraulic oil cooler	Yes

ELECTRICS

Emergency stops	4 off, 2 powerunit, 2 chassis RH&LH
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
Remote radial	Yes - 6 function timed

WHEELS

Axle	Single Axle
Wheels	Dual wheel 11/R22.5 (4 tires)
Spring suspension	No
Brakes	Yes
Mudguards	Yes
ABS	Option

OPTIONS

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

