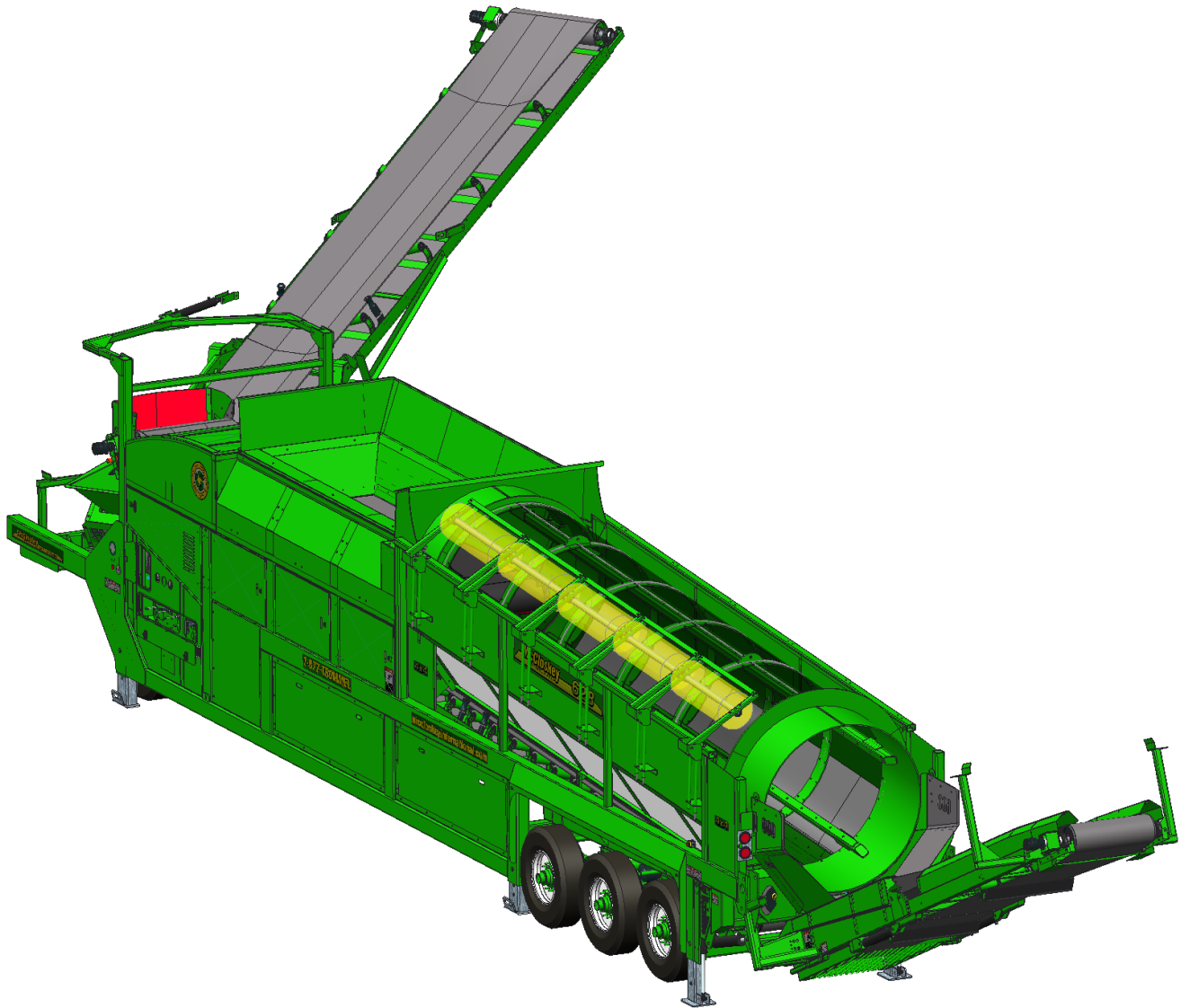
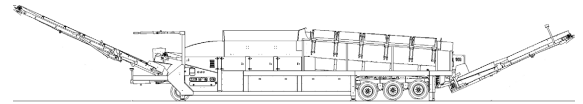


# SPECIFICATIONS



Note: Optional equipment may be displayed



## DESCRIPTION

Heavy duty mobile trommel with following features:

- 6'x28' heavy duty trommel drum
- 174Hp CAT engine
- Wheel mobile or hydraulic raise/lower track bogie system
- 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 | 19.88m (65' – 3")        |
| Transport Width  | 2.59m (8' – 6")          |
| Transport Height | 4.12m (13' – 6")         |
| Weight           | 27,100 Kgs (59,750 lbs.) |
| Load Height      | 3.22m (10' – 7")         |
| Working Length   | 30.50m (100' – 1")       |
| Working Width    | 15.12m (49' – 7")        |
| Working Height   | 5.13m (16' – 10")        |

## CAPACITIES

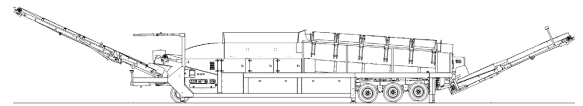
|                         |   |
|-------------------------|---|
| Diesel tank capacity    | 1210 L (320 US gal)                     |
| Hydraulic tank capacity | 954 L (252 US gal)                      |
| Hopper Capacity         | 5 m <sup>3</sup> (6.5 yd <sup>3</sup> ) |

## FEED CONVEYOR

|                    |                      |
|--------------------|----------------------|
| Belt width         | 1050mm (42")         |
| Belt spec          | Plain 630/4 6+3      |
| Drive drum dia.    | 323mm (12.75")       |
| Tail drum dia.     | 305mm (12")          |
| Gearbox            | Brevini CTD2051      |
| Gearbox ratio      | 34,7:1               |
| Motor              | Sam Hydraulik BRZ250 |
| • Flow rate        | 83 l/m (22 US g/m)   |
| • Adjustable speed | Yes                  |
| • Maximum speed    | 10 rpm               |

## FINES CONVEYOR

|                 |                    |
|-----------------|--------------------|
| Belt width      | 1050mm (42")       |
| Belt spec       | Plain 400/3 4+2    |
| Drive drum dia. | 254mm (10")        |
| Tail drum dia.  | 305mm (12")        |
| Motor           | White DR33         |
| • Flow rate     | 75 l/m (20 US g/m) |
| • Maximum speed | 143 rpm            |



### RADIAL CONVEYOR

|  |                               |
|--|-------------------------------|
| Stockpile height   | 5.13m (16' – 10")             |
| Belt width   | 1050mm (42")                  |
| Belt spec  | Plain - 400/3 4+2             |
| Drive drum dia.  | 254mm (10")                   |
| Tail drum dia.   | 254mm (10")                   |
| Motor  | White DR33                    |
| <ul style="list-style-type: none"> <li>• Flow rate</li> <li>• Maximum speed</li> </ul> | 75 l/m (20 US g/m)<br>143 rpm |

### OVERSIZE CONVEYOR

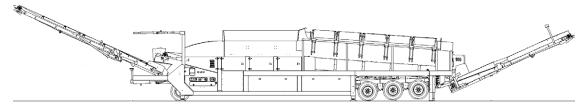
|  |                                      |
|--|--------------------------------------|
| Stockpile height   | 3.49m (11 - 5½")                     |
| Belt width   | 900mm (36")                          |
| Belt spec  | Chevron - 315/3 3+1.5                |
| Drive drum dia.  | 254mm (10")                          |
| Tail drum dia.   | 254mm (10")                          |
| Motor  | White DR33                           |
| <ul style="list-style-type: none"> <li>• Flow rate</li> <li>• Maximum speed</li> <li>• Adjustable speed</li> </ul> | 68 l/m (18 US g/m)<br>130 rpm<br>Yes |

### TROMMEL (DRUM)

|                               |  |
|-------------------------------|--|
| Dimensions                    | 1.83m x 8.53m (6' x 28')                     |
| Screening Area                | 34.5 m <sup>2</sup> (370 ft <sup>2</sup> )   |
| Trommel angle                 | 5 deg.                                       |
| Trommel motor                 | Poclain MSE02 (22.2 cc/rev)                  |
| Drive system                  | Direct drive with 18x9 rubber wheels         |
| Hydraulic flow rate           | 170 l/m (45 US g/m)                          |
| Trommel speed                 | 10 – 30 rpm                                  |
| Adjustable speed              | Yes  |
| Longitudinal Trommel Supports | 5 box type lifters                           |
| Cleaning Brushes              | Ground adjustable Ø16x 50" polyester brushes |

### POWERUNIT AND HYDRAULICS

|  |                      |
|--|----------------------|
| Engine   | CAT C6.6             |
| <ul style="list-style-type: none"> <li>• Power</li> <li>• Speed</li> </ul> | 174 HP<br>2200 rpm   |
| Flywheel Pump 1  | David Brown R5000    |
| LH PTO Pump 2  | Vicker's V20         |
| Total system flow  | 397 l/m (105 US g/m) |
| Hydraulic tank capacity  | 940 L (250 US Gals)  |
| 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 shutdowns: | Low oil pressure                    |
|                   | High water temp                     |
|                   | Air filter blockage (selectable)    |
|                   | Fuel contamination                  |
|                   | Low hydraulic tank level            |
| Engine room light | Yes                                 |
| Remote radial     | Yes - 6 function – timed            |

### WHEELS

|                   |                              |
|-------------------|------------------------------|
| Axle centers      | 1380mm (54") Spread Tri-axle |
| Wheels            | Single 315/80R22.5 (6 tires) |
| Spring suspension | Yes                          |
| 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            |
| Single or double deck live head |

