

# **McCloskey**

INTERNATIONAL

## **628 Series 2**

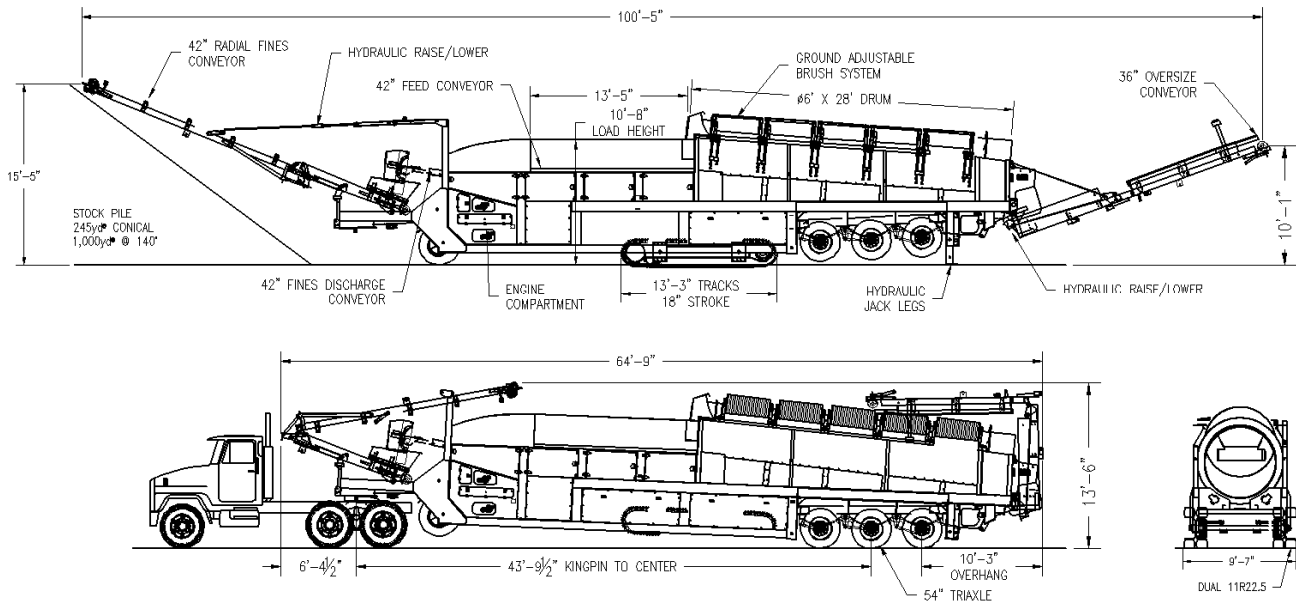
**GENERAL MACHINE SPECIFICATIONS**

**RELEASE: Oct 2009**



*628RE model shown*

## MACHINE DIMENSIONS



628REWT Series 2 model shown

## SPECIFICATIONS:

### General

- All welded chassis
- 174 HP (130kW) Tier III, C6.6 Caterpillar diesel engine
- Fifth wheel kingpin connection with hydraulic landing gear
- 6' diameter x 28' long rotary trommel containing 5 standard width screen panels
- 13'-6" (4.1 m) Feed Hopper 5.5 yd<sup>3</sup> (4.2 m<sup>3</sup>) with 10'-5" (3.2 m) load height
- 42" (1067 mm) wide feeder belt
- 42" (1067 mm) wide fines conveyor
- 42" (1067 mm) wide 160° radial stockpiling conveyor
- 36" (914 mm) wide oversized stockpiling conveyor
- NO special permits required
- Gross weights 57,000lb (25,855 kg)
- 320 gallon (1211 liter) fuel tank supplies plenty of operating time between refueling.
- 252 gallon (954 liter) hydraulic tank feeding a hydraulic gear pump directly coupled to the diesel engine.

### Chassis

- Rugged design utilizing hollow structural steel with all welded construction
- Air brake axles

### Tracks

- Supported by a bogie style frame with 18" of stroke to raise and lower the tracks
- 12' (3.3 m) long (c-c) x 20" (0.5 m) wide & 3,000 Nm of torque per track.

### **Feeder**

- 13'-6" (4.1 m) long, 5.5 yd<sup>3</sup> (4.2 m<sup>3</sup>) capacity, ¼" plate Feed Hopper bolted directly to chassis
- Variable speed hydraulic driven gearbox with internally driven 12" (305mm) lagged head pulley
- 42" (1067 mm) wide vulcanized belt supported by closely spaced steel rollers
- 12" (305 mm) crown faced tail pulley complete with scraper, V-plow, and manual screw take-up adjustment

### **Fines Conveyor**

- 42" (1067 mm) wide vulcanized belt supported by closely spaced picking and standard equal length idlers
- 10" (254 mm) lagged drive pulley driven by a close-coupled hydraulic motor with tensioned scraper
- 12" (254 mm) crown faced tail pulley complete with scraper, V-plow, and manual screw take-up adjustment
- Self-cleaning rubber disc return idlers

### **Radial Fines Conveyor**

- 42" (1067 mm) wide vulcanized belt supported by standard equal length idlers
- 10" (254 mm) lagged drive pulley driven by a close-coupled hydraulic motor with tensioned scraper
- 10" (254 mm) barefaced tail pulley complete with scraper, V-plow, and manual screw take-up adjustment
- Self-cleaning rubber disc return idlers
- Full remote control of 160° radial stockpiling and raise/lower and fold/unfold operations

### **Oversize Conveyor**

- 36" (914 mm) wide vulcanized belt supported by standard equal length idlers and plastic-lined steel impact bed
- 10" (254 mm) lagged drive pulley driven by a close-coupled hydraulic motor
- 10" (254 mm) barefaced tail pulley complete with scraper, V-plow, and manual screw take-up adjustment
- Self-cleaning rubber disc return idlers
- Flat beater idler to remove material from belt

### **Trommel Screen**

- 6' (1.83 m) diameter x 28' (6.4 m) long trommel drums containing five structural longitudinal tubes to provide aggressive screening action.
- High strength crimped and inter-woven screen cloth of generous gauge and required clear opening is installed. The screen cloth is bolted and clamped to the outside of the drum framework.
- Ground adjustable free rotating nylon brushes are mounted in close proximity to the drum and engage the outside of the drum face and cloth area for cleaning purposes.
- Variable speed hydraulic drive powers the trommel drum through four 18" x 9" solid rubber tires. One solid rubber tire provides thrust support for the drum and ensures smooth, quiet operation.
- A fully enclosed, flashed chute embraces the lower half of the trommel and directs the fines materials on to the fines conveyor. This chute has an inclined surface with liner to reduce material build-up.

### **Options**

- Hydraulic Tipping Grid
- Vibrating Grid
- Track Mobility
- Auto Reversing Fan
- Double Brushes
- Auxiliary Hydraulic Circuit
- Punch Plate Screens
- Spare Drum
- De-stoning Conveyor
- Vacuum

*All specifications listed are current as of this printing but are subject to change.*