KEY FEATURES

**TROMMEL SCREEN**

- **6' x 12' Trommel Drum Screen**
  160 square feet (14.99 sq. m) of actual wire cloth screening surface area
- **Four Wheel Drive with Twin Motors**
  Twin drive shafts generate powerful traction and prevent wheel slippage when screening heavy, wet materials
- **Heavy-Duty Trommel Drum with Massive Triangular Tumbling Paddles**
- **Unique Screen Cloth Cable/Hinge Lock Design**
  Facilitates extremely quick and easy screen change or replacement
- **Self Cleaning Brushes**
  Two self-cleaning adjustable tensioned nylon brushes ensure a clean screen surface for continuous operation
- **Variable RPM Drum Speed**
  Drum speed can be hydraulically adjusted from 0 to 32 RPM for efficient separation of any type and size of material
- **Multiple Screen Choices and Sizes Available**
  - Square Wire Cloth
  - Slotted Wire Cloth
  - Punch Plate

**POWER SYSTEM & CONTROLS**

- **Yanmar® 84HP (62 kw) 4TNV98T Diesel Engine**
  2200 RPM liquid cooled - ideal for dusty work sites
- **Large 70 Gallon Fuel Tank**
  Over 16 hours of continuous material processing without the need to re-fuel
- **Wireless Remote Control Movement and Operation (612T only)**
  Complete hand-held control of machine with a range of 100 yards (91.4 mm)
- **Three Emergency Stops Mounted to the Machine (612T Only)**
  An additional shut-off button is located on the wireless remote transmitter
- **Independent Hydraulics**
  Separate valve, pump and motor for the Feeder, Screen, Conveyor and Cylinders
- **Baffled 70 Gallon Hydraulic Tank and Cooler**
  A cool hydraulic system maintains a constant level of performance and long life
- **Unique Large Engine Compartment Design Allows Quick Access for Engine Maintenance**
- **Easy to Operate Control Panel with Lockable Access Doors**

Specifications Subject to Change Without Notification
**STRUCTURE**

- **Heavy-Duty Unibody Mainframe**
  Massive unibody frame made from high quality steel handles the stresses of rough terrain movement and ensures long life integrity in the most demanding job applications.

- **Modern Painting Facilities Apply Three Coats of Specially Designed Paints**
  Special paints protect the steel and create a first class finish to enhance your investment.

**FEEDER**

- **Large 4.5 Cubic Yard (3.44 cu. m) Open Ended Hopper**
  Expandable to 7.5 cubic yards (5.73 cu. m) with optional hopper extension.

- **Designed to Be Fed With a 1 - 3 Cubic Yard (0.76 - 2.29 cu. m) Front End Loader**
  Hopper can be loaded from either side.

- **Low Hopper Feed Height Accommodates Most Loaders Without a Ramp**
  9' 2" (2.8m) Feed Height on 612T Tracked Version
  10' 4" (3.15m) Feed Height on 812W Wheeled Version

- **Hydraulically Variable Speed Feeder Belt**
  Adjustment of the feeder speed controls the amount of material entering the trommel.

- **36" Wide (0.91m) Heavy-Duty 330 PIW Main Feeder Belt**

- **5" (127 mm) Rubber Wrap Idler**
  This idler wraps the feeder belt around the head pulley to prevent pulley slippage.

- **Precision Lagged Head and Wing Type Tail Pulleys**

**CONVEYORS**

- **Side Discharge Conveyor High Enough for Direct Truck Loading**
  13'-11" (4.25m) discharge height on side stacking conveyor (612W)
  12'-9" (3.86m) discharge height on side stacking conveyor (612T)
  Variable conveyor angle ranging from 18° to 30°

- **Capable of True Wireless “On The Fly” Windrow Stockpiling (612T)**
  You never have to handle screened materials twice.

- **Fines Unders Belt is 42" Wide (1067 mm) 150 PIW**

- **Side Discharge Belt is 24" Wide (610 mm) 220 PIW**

- **Guide Rollers On All Conveyor Belts for Centered Belt Tracking**

- **Spring Loaded Belt Scraper Bars Made of UHMW Plastic**

- **Precision® Herringbone Lagged Head Pulleys**

- **Precision® Wing Type Tail Pulleys**

- **Goodman® 5" (127 mm) Troughing Idlers**

- **Rubber Disc Return Idlers**
SHREDDER HAMMERMILL (OPTIONAL)

- High Speed Hammermill Shredder (US Patent #7121487)
  44 Hardened blades spinning at 1,200 RPM pulverizes dirt products
  creating more fines with less oversize

- Spring Tensioned Baffle Plates Control Shredding Action
  Free swinging blades with baffles allow large rocks
  and other unbreakables to pass

ADDITIONAL OPTIONS

- Oversize Material Conveyor With 36" (91cm) Wide 220 PIW Belt
  612W Stockpile Height 7'-3" (2.19m)
  612T Stockpile Height 6'-1" (1.84m)

- Tethered Pendant Movement (612T)
  A cord attached pendant can be added in addition to the standard
  wireless remote for added security

- Hydraulic Tipping Grizzly with 5" (127 mm) Space Openings
  Triggered by wireless remote control

- Hopper Extension Available for Additional Capacity

- Vibratory Grid
  A complete vibratory screen mounted on top of the hopper for
  pre-screening
  Screen choices include grizzly, punch plate or woven wire cloths
  Two-tiered finger deck option is available for materials with
  heavy vegetation

PORTABILITY

- Heavy-Duty Tracked Undercarriage (612T)
  Wireless remote controlled movement by Catron®

- Large Tracked Footprint Ensures Stability On Soft Ground
  8'-3" (2.52m) ground length with 16" (400 mm) wide shoes (612T)

- Track Movement Speed is .71 Miles (1.14 km) per Hour (612T)

- 22,500 lb. Axle with Air Brakes (612W)
  Four 8.25-22.5 tires are standard

- Fifth Wheel Pin Transport (612W)
  Brake lights, turn signals and mud flaps are all standard features

- Hydraulic Landing Gear (612W)
  Allows for easy tractor connection without additional equipment

- Hydraulic Fold-Over Conveyor for Easy Portability

PRODUCT SUPPORT

- Factory Headquarters Located Near Columbus, Ohio
- Lifetime Toll Free Engineering Telephone Support (USA Only)
- Responsive Warranty Support
- Rapid Response Parts Availability
- Detailed Operational, Service & Parts Manuals
- Extensive Distributor Network
DIMENSIONS

612T TROMMEL

Width: 8'-6" [2.59m]  Weight: (Est.) 27,000 lbs [12250kg]
Weight with Options: (Est.) 31,800 lbs [14425kg]

612W TROMMEL

Width: 8'-6" [2.59m]  Weight: (Est.) 22,500 lbs [10200kg]
Weight with Options: (Est.) 27,300 lbs [12380kg]