

THE SCREEN MACHINE®

AN AMERICAN MANUFACTURER OF PORTABLE CRUSHING, SCREENING /SHREDDING PLANTS AND CONVEYORS

612T & 612W TROMMELS



CONTACT YOUR
DEALER:

**Gulf
Atlantic**

INDUSTRIAL EQUIPMENT INCORPORATED
Concrete, Aggregate, and Material Handling Equipment
Concrete Solutions with Rock Solid Results
800-792-7427



THE SCREEN MACHINE®

(800) 792-7427

(352) 628-6674

KEY FEATURES

TROMMEL SCREEN

- **6' x 12' Trommel Drum Screen**
160 square feet (14.89 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

- **84 HP Yanmar® Tier III Diesel Engine w/ Electronic Throttle**
Liquid cooled and turbo-charged with enough horsepower to handle your heaviest materials
- **Large 70 Gallon Fuel Tank**
Over 16 hours of continuous material processing without the need to refuel
- **Wireless Remote Control Movement and Operation (612T only)**
Complete handheld control of machine with a range of 100 yards (91.4 m)
- **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

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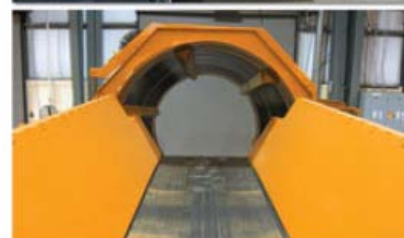
STRUCTURE

- **USA Sourced Grade 80 Steel Unibody Mainframe**
Massive unibody frame made from high strength wear-resistant steel handles the stresses of rough terrain movement and ensures long life integrity in the most demanding job applications
- **Manufactured with Robotic Welders Generating Precision Fabrication for Long-Term Durability**
- **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
- **American Made in Columbus, Ohio with American Steel and Labor**



FEEDER

- **Large 4.5 Cubic Yard (3.44 cu.m) Open Ended Hopper**
Expandable to 7.5 cubic yards (5.73 cu. m) w/ optional hopper extension
- **Designed To Be Fed With A 1 - 3 Cubic Yard (.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" (2.8 m) Feed Height on 612T Tracked Version
10'-4" (3.15 m) Feed Height on 612W Wheeled Version
- **Hydraulically Variable Speed Feeder Belt**
Adjustment of the feeder speed controls the amount of material entering the trommel
- **36" Wide (.91 m) Heavy Duty 330 PIW Main Feeder Belt**
- **5" (12.7 cm) 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" (4.25 m) discharge height on side stacking conveyor (612W)
12'-9" (3.89 m) 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 (106.68 cm) 150 PIW**
- **Side Discharge Belt is 24" Wide (60.96 cm) 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" (12.7 cm) Troughing Idlers**
- **Rubber Disc Return Idlers**





PORTABILITY

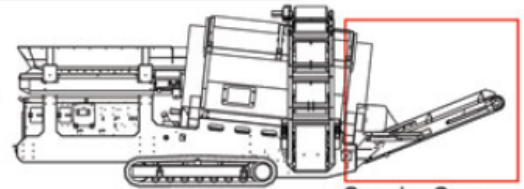
- **Heavy Duty Tracked Undercarriage (612T)**
Wireless remote controlled movement by Remtron®
- **Large Tracked Footprint Ensures Stability On Soft Ground**
8'-3" (2.52 m) ground length with 16" (400 mm) wide shoes (612T)
- **Track Movement Speed is .71 Miles (1.14 km) per Hour (612T)**
- **22,500 lb. Axle w/ 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**



OPTIONS

- **Oversize Material Conveyor With 36" (.91 m) Wide 220 PIW Belt**
612W Stockpile Height 7'-3" (2.21 m)
612T Stockpile Height 6'-1" (1.85 m)
- **Tethered Pendant Movement (612T)**
A cord attached pendant can be added in addition to the standard wireless remote for added security
- **Hydraulic Tipping Grizzly w/ 5" (12.7 cm) 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



Oversize Conveyor



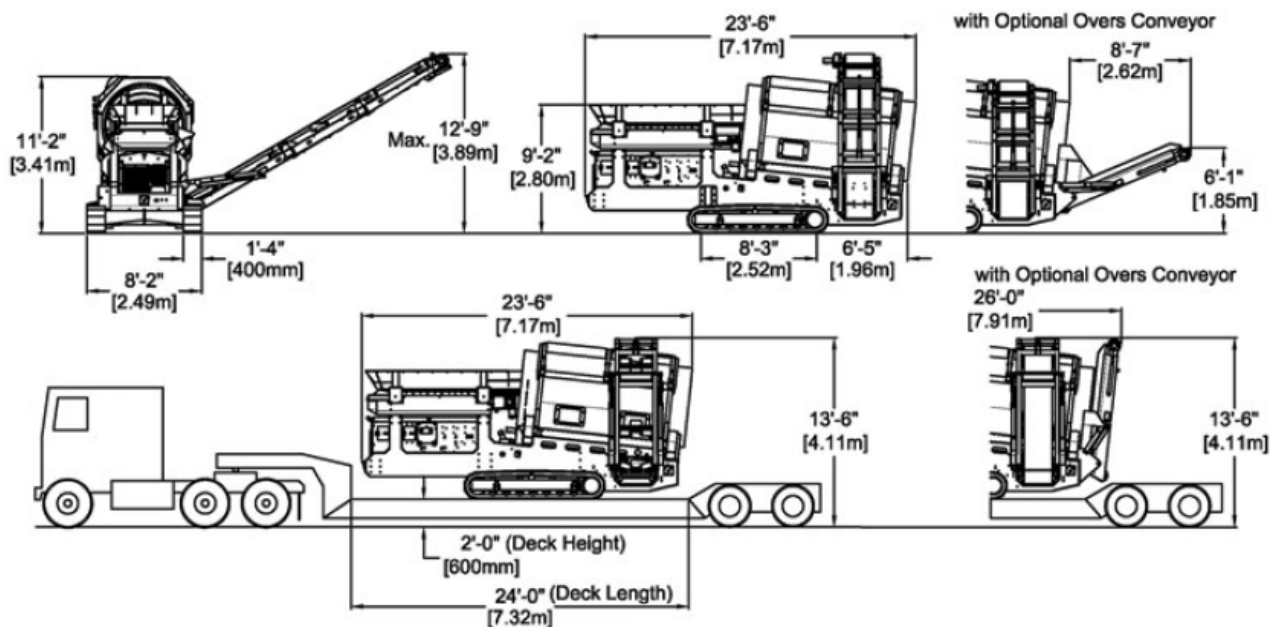
Hydraulic Tipping Grizzly



Vibratory Grid

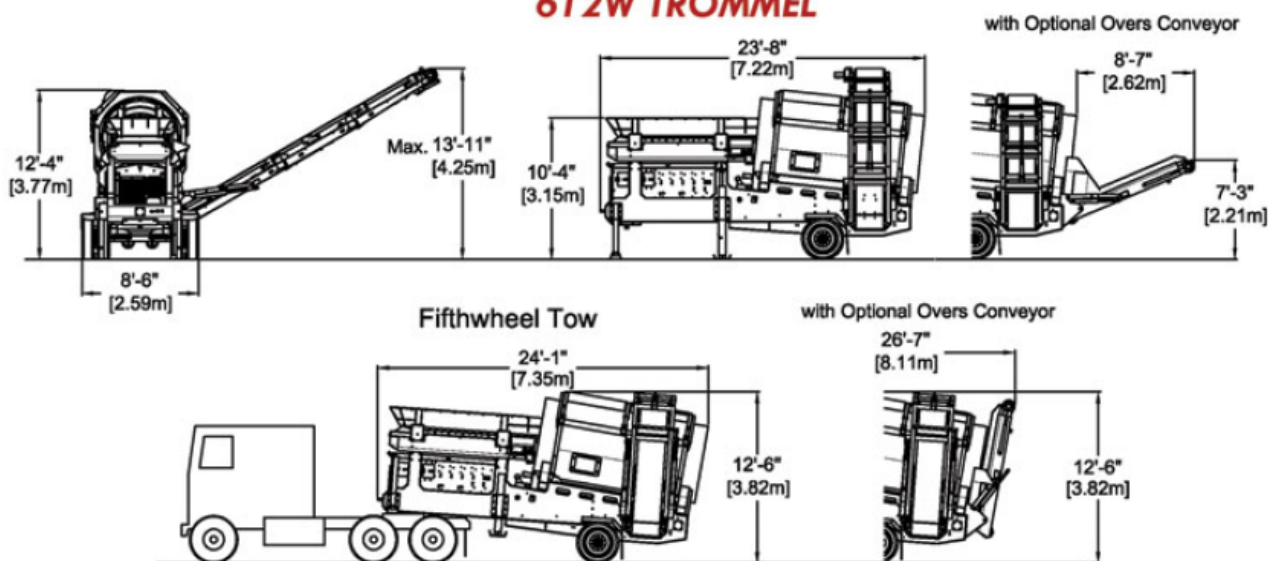
PRODUCT SUPPORT

- **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]