# 612W Trommel Screen Plant

**BEST IN CLASS TROMMEL!**
- Rapid Change Screen Cloth System
- Windrow Stacking Capability
- Proven Productivity And Dependability

## 612W Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>12'-6&quot; (3.81m)</td>
</tr>
<tr>
<td>Length</td>
<td>24'-1&quot; (7.35m)</td>
</tr>
<tr>
<td>Width</td>
<td>8'-6&quot; (2.59m)</td>
</tr>
<tr>
<td>Total Weight</td>
<td>22,500 lbs. (10,200Kg)</td>
</tr>
</tbody>
</table>

- Heavy-duty, self-cleaning trommel brushes included
- Four-wheel/twin-motor driven trommel drum delivers consistent productivity
- Optional remote control tipping grizzly helps pre-sort material before screening. Optional vibrating screen over feeder also available
- Rapid change screen cloth system saves hours of time when a screen change is required, meaning more production time
- Optional hammermill shredder (Patent #7,121,487) available
- Fifth-wheel pin transport. Air brakes, brake lights and mud flaps included
- Yanmar 74 HP (55kw) Tier IV Final diesel engine

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**TROMMEL SCREEN**
- 6' x 12' (1.9m x 3.7m) trommel drum
- 160 Sq. Feet (14.8 Sq. Meters) of actual screen size
- Cable/hinge lock design allows quick screen replacement. No additional drum purchase required
- Self-cleaning brushes maintain efficient screen processing performance
- Screens included are standard wire cloth 1/2" - 1 1/2" (13mm - 38mm)
- Heavy-duty steel drum shell with large triangular tumbling paddles
- Four wheel/twin motor and twin shaft trommel drum drive

**POWER SYSTEMS and STRUCTURE**
- Yanmar® 74 HP (55kw) Tier IV Final diesel engine
- 70 gallon (265L) fuel tank allows 16+ hours of continuous run-time
- 70 gallon (265L) hydraulic tank with cooler
- 22,500 lb. axle with air brakes
- Fifth-wheel pin transport
- Brake lights, turn signals and mud flaps included

**HOPPER/FEEDER**
- 4.5 Cu. Yard hopper (3.44 Cu. Meter)
- Hydraulically variable speed feed belt
- 36" wide (910mm) 300 PIW main feed belt
- 5" (127mm) rubber wrap idler
- Temporary feeder shut-off on trommel overload

**CONVEYOR/BELTS**
- Unders belt is 42" (1,067mm) wide, 150 PIW
- Side discharge belt is 24" (610mm) wide, 220 PIW
- Spring-loaded scraper bars made of UHMW
- Four guide rollers per conveyor for belt tracking
- 13'-11" (4.25m) discharge height on side stacking conveyor accommodates direct truck loading

**OPTIONS**
- Hammermill shredder (U.S. Patent #7,121,487)
- Remote tipping grizzly
- Vibrating Screen over Feeder

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<table>
<thead>
<tr>
<th>Height</th>
<th>Length</th>
<th>Width</th>
<th>Weight</th>
<th>Trommel Size</th>
<th>Trommel Sq. Ft</th>
<th>Conveyor Widths</th>
<th>Discharge Heights</th>
<th>Engine</th>
<th>Wheels</th>
<th>Fuel Capacity</th>
<th>Hydraulic Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>11'-0&quot;</td>
<td>24'-1&quot;</td>
<td>8'-6&quot;</td>
<td>22,500lbs</td>
<td>6'0&quot;x12'-0&quot;</td>
<td>160</td>
<td>42&quot;</td>
<td>24&quot;</td>
<td>13'-11&quot;</td>
<td>7'-3&quot;</td>
<td>Yanmar 8.25-22.5</td>
<td>70gal</td>
</tr>
<tr>
<td>3.51m</td>
<td>7.35m</td>
<td>2.59m</td>
<td>10,200kgs</td>
<td>1.9m</td>
<td>14.8m</td>
<td>1,097mm</td>
<td>610mm</td>
<td>4.25&quot;</td>
<td>2.21m</td>
<td>74 - HP</td>
<td>55Lw</td>
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</tbody>
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