**514TS3 OPERATING SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>18'-0&quot; 5.5m</td>
</tr>
<tr>
<td>Length</td>
<td>50'-0&quot; 15.2m</td>
</tr>
<tr>
<td>Width</td>
<td>58'-3&quot; 17.9m</td>
</tr>
<tr>
<td>Total Weight</td>
<td>59,000 lbs. 26,762kg</td>
</tr>
</tbody>
</table>

**TRIPLE DECK SCREENING**
- Generates Up To 4 Sized Products
- Proven Productivity And Dependability
- Patented Smooth Start® Technology

**Specifications and Features**

- **Yanmar 74 HP (55kw)** Tier IV Final diesel engine
- Remote control tipping grizzly helps pre-sort oversize material before screening
- Adjustable side stacker angles and heights
- Heavy-duty 8 Cu. Yard (6 / cu.m) capacity hopper
- Triple deck screen box with 5/16" (8mm) throw at 1,100 RPM
- Smooth Start® Technology (Patent #6,669,026) prolongs machine and component life by eliminating violent shaking during warmup and shutdown
- Heavy-duty tracked undercarriage with easy-to-use wireless remote control, for quick and efficient set-up and operation

**740-927-3464  •  800-837-3344  •  WWW.SCREENMACHINE.COM**
514TS3 Spyder Screen Specifications

SCREENS
- Triple-deck, two-bearing screen boxes
- 5'-0" x 14'-0" (1.5m x 4.3m) top deck, middle deck
- 5'-0" x 12'-0" (1.5m x 3.7m) bottom deck
- Adjustable screen angles (4 operating positions)
- 1/4" USA-made Grade 80 steel screen box walls
- Smooth Start™ Technology (US Patent #6,669,026)
- Main and Fines conveyors split from screen box for easy maintenance
- Top deck side tension wire screen cloth (included)
- Bottom deck end tension wire cloth or harp deck screens (included)

POWER SYSTEMS and CONTROLS
- Yanmar® 74 HP (55kw) Tier IV Final diesel engine
- 75 gallon (284L) fuel tank with lockable fuel cap
- 125 gallon (473L) baffled hydraulic tank
- Four (4) emergency stops plus (1) stop button on wireless remote

UNDERCARRIAGE
- Heavy-duty tracks with 8" (203mm) ground clearance
- 15.7" (400mm) shoe width w/outside track dimension of 8'-2" (2.5m)
- Sealed and lubricated pins and bushings

MAIN/DISCHARGE WINROW CONVEYORS
- 42" (1,067mm) main belt raises from screen box for maintenance
- Overs, Large Mids, Small Mids discharge belts cleated and variable speed
- 17'-11" (5.4m) Oversize discharge height / 24" (600mm) belt width
- 13'-11" (4.2m) Fines discharge height / 42" (1,067mm) belt width
- 16'-7" (5.1m) Large Mids discharge height / 24" (600mm) belt width
- 16'-7" (5.1m) Small Mids / 24" (600mm) belt width
- Side discharge belt angles: 18°, 21°, 24°; Fines belt adjustable up to 23°

HOPPER/FEEDER
- 1/4" (6mm) thick steel side walls
- 9 7/8" (251mm) center-to-center spacing on idlers
- 5" (127mm) diameter center idler cans
- 42" (1,067mm) wide 3-ply 330 PIW belt
- Hydraulic motor drive with 12" (305mm) lagged head pulley
- Low feed height - 9'-4" (2.8m) without grizzly
- Feed height of 12'-9" (3.9m) at high side of grizzly (3 height settings)
- 8 Cu. Yard (6.1 Cu. Meter) hopper capacity
- Feed opening 13'-0" x 5'-0" (4m x 1.5m) without grizzly
- Feed opening 14'-0" x 5'-0" (4.3m x 1.5m) with grizzly
- Feed Match: 3-4 yd³ loader or 1-3 yd³ excavator

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### Height Length Width Top Deck Mid Deck Bottom Deck Overall Conveyor Widths Discharge Heights Engine Tracks Capacity Capacity

<table>
<thead>
<tr>
<th>Height</th>
<th>Length</th>
<th>Width</th>
<th>Weight</th>
<th>Top Deck</th>
<th>Mid Deck</th>
<th>Bottom Deck</th>
<th>Overall</th>
<th>Oversize</th>
<th>Lg Mids</th>
<th>Sm Mids</th>
<th>Fines</th>
<th>Overall</th>
<th>Lg Mids</th>
<th>Sm Mids</th>
<th>Fines</th>
<th>Engine</th>
<th>Tracks</th>
<th>Fuel Capacity</th>
<th>Hydraulic Capacity</th>
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</thead>
<tbody>
<tr>
<td>18'-0&quot;</td>
<td>50'-0&quot;</td>
<td>58'-3&quot;</td>
<td>59,000lbs</td>
<td>5'-0&quot;x14'-0&quot;</td>
<td>5'-0&quot;x14'-0&quot;</td>
<td>5'-0&quot;x12'-0&quot;</td>
<td>24&quot;</td>
<td>24&quot;</td>
<td>24&quot;</td>
<td>42&quot;</td>
<td>17'-11&quot;</td>
<td>16'-7&quot;</td>
<td>16'-7&quot;</td>
<td>13'-11&quot;</td>
<td>Yanmar</td>
<td>400mm</td>
<td>75gal</td>
<td>125gal</td>
<td></td>
</tr>
<tr>
<td>5.5m</td>
<td>15.2m</td>
<td>17.9m</td>
<td>26,762kg</td>
<td>1.5m</td>
<td>1.5m</td>
<td>1.5m</td>
<td>610mm</td>
<td>610mm</td>
<td>610mm</td>
<td>1,067mm</td>
<td>5.5m</td>
<td>5.1m</td>
<td>5.1m</td>
<td>4.2m</td>
<td>74 HP</td>
<td>473L</td>
<td>284L</td>
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