107T SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Measurement</th>
<th>Conversion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>11'-0&quot;</td>
<td>3.35m</td>
</tr>
<tr>
<td>Length</td>
<td>38'-0&quot;</td>
<td>11.58m</td>
</tr>
<tr>
<td>Width</td>
<td>8'-5&quot;</td>
<td>2.57m</td>
</tr>
<tr>
<td>Total Weight</td>
<td>44,980 lbs.</td>
<td>20,403Kg</td>
</tr>
</tbody>
</table>

**107T SCALPER SCREEN PLANT**

**Superior Scalping!**
- Patented Dual-Screen Design
- Patented Smooth Start® Technology
- Tracked, Remote Control Operation

**Yanmar 74 HP (55kw) Tier IV Final diesel engine**

**Smooth Start® Technology** (U.S. Patent #6,669,026) eliminates stress and shaking at start-up and shut-down

**Hydraulically adjustable screen angles**

**Key structural components manufactured from U.S.-made grade 80 steel**

**Conveyor discharge height of 11'-0" (3.35m)**

**Dual drives on conveyor belt**

**Heavy-duty tracked undercarriage with easy-to-use wireless remote control, for quick and efficient set-up and operation**

**Patented dual screen design with center support (U.S. Patent #6,000,553) provides extended machine and screen performance**

**Variable speed underscreen transfer belt**
**SCREEN**
- Dual 5'-0" x 7'-0" (1.52m x 2.13m) two-bearing screens
- Adjustable screen angles (5°, 10°, 15°)
- 3/8" (9.52 mm) grade 80 steel bolt together construction
- Smooth Start® Technology (patent #6,669,026)
- 13'-9" (4.19m) feed width and 10'-10" (3.30m) feed height
- Feed width goes to 17' (5.18m) with optional wing plate extensions
- 8" (20 cm) clearance between decks

**POWER SYSTEMS and STRUCTURE**
- Yanmar® 74 HP (55kw) Tier IV Final diesel engine
- 125 gallon (473L) baffled hydraulic tank and oil cooler
- 50 gallon (189L) fuel tank
- Lockable control panels
- Four (4) emergency stops
- One (1) shutdown on remote control
- Conveyors stop when in move mode
- Hydraulic conversation kit to power TH60 60’x36” conveyor

**CONVEYOR/BELTS**
- Guide rollers to optimize belt alignment
- Variable speed feeder with 42" (1.067m) belt width
- Full deep trough skirting
- Dual hydraulic drive on main conveyor
- 5” (127mm) diameter "C" idlers
- Lagged head pulley
- Wing type tail pulley
- Rubber disc return idlers

**STRUCTURE/UNDERCARRIAGE**
- Heavy-duty center frame support structure
- USA-made grade 80 steel construction
- Heavy-duty tracked undercarriage
- Wireless remote control operation and travel

**LOADING OPERATION**
- 3-5 Cu. Yard loader (2.29-3.82 Cu. Meter)

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**Table: Operating Dimensions**

<table>
<thead>
<tr>
<th>Height</th>
<th>Length</th>
<th>Width</th>
<th>Weight</th>
<th>Screen Size (2)</th>
<th>Conveyor Width</th>
<th>Discharge Height</th>
<th>Engine</th>
<th>Tracks</th>
<th>Fuel Capacity</th>
<th>Hydraulic Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>11'-6&quot;</td>
<td>38'-0&quot;</td>
<td>8'-5&quot;</td>
<td>44,980lbs</td>
<td>5'-0&quot;x7'-0&quot;</td>
<td>42'</td>
<td>11'-0&quot;</td>
<td>Yanmar</td>
<td>20’ wide</td>
<td>50gal</td>
<td>120gal</td>
</tr>
<tr>
<td>3.55m</td>
<td>11.59m</td>
<td>2.57m</td>
<td>20,430kg</td>
<td>1.52m</td>
<td>1,000mm</td>
<td>3.35m</td>
<td>74 HP</td>
<td>500mm</td>
<td>169L</td>
<td>&gt;73L</td>
</tr>
</tbody>
</table>

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**SCREEN MACHINE**

107T Scalper Specifications

740-927-3464 • 800-837-3344 • WWW.SCREENMACHINE.COM