Avery Weigh-Tronix

Railweight™
Railroad Track Scale

• Modular, low profile design for above ground installation
• Less excavation and lower installation cost than traditional deep pit scale
• Complies with AREMA, Cooper E-80 loading requirements
• Legal for trade - NTEP Class IIII
Features and Benefits

**Low installation cost** - The pitless design minimizes excavation and simplifies the foundation, resulting in much lower labor and material costs.

**Simple pitless design** - Just 16 anchors in weighbridge foundation. Above grade installation ensures good ventilation, eliminates the need for sump pumps and reduces corrosion.

**Advanced Modular Construction** - A single module has a weigh rail length of 12'6" (3.8 m). Two modules give a weigh rail length of 26' (7.92 m). Standard version with exposed rail or flush deck version available.

**Extra capacity load cells** - 130,000 lb, NTEP approved, compression load cells provide 30% more capacity.

**Self-aligning** - Rocker pin assembly ensures even and consistent weight application to the load cells.

**Low maintenance** - All nuts and bolts are accessible without removing the weighbridge. Load cells are mounted to the main beams keeping mounting bolts away from dirt and moisture.

**Rigid checking** - Heavy duty checking system stabilizes the scale and reduces wear or damage that can be caused by excessive weighbridge movement. It also reduces stability problems associated with weighing liquids.

**Higher dead load** - The concrete filled weighbridge increases the preload on the load cells and provides a non-slip surface between rails.

**Accommodates different sizes** - Heavy duty, two part, adjustable rail clips accommodate both 115 lb and 132 lb rails providing convenient and precise rail alignment.

**Load cell protection** - Steel covers protect load cells from accidental damage and environment.

Specifications

<table>
<thead>
<tr>
<th>Model No.</th>
<th>1st Module</th>
<th>2nd Module</th>
<th>Nominal Cap.</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPL 12</td>
<td>12'-6&quot;</td>
<td>none</td>
<td>85 Ton</td>
</tr>
<tr>
<td>RPL 12-12</td>
<td>12'-6&quot;</td>
<td>12'-6&quot;</td>
<td>170 Ton</td>
</tr>
<tr>
<td>RPL 12-26</td>
<td>12'-6&quot;</td>
<td>26'</td>
<td>200 Ton</td>
</tr>
<tr>
<td>RPL 26-26</td>
<td>26’</td>
<td>26’</td>
<td>230 Ton</td>
</tr>
</tbody>
</table>

**Sectional capacity**: 85 Tons

**Design criteria**: AREMA, Cooper E-80 loading requirements

**Load cells**: 130,000 lb capacity (each)

**Stainless steel**, hermetically sealed, compression load cell

**Approvals**:

Legal for Trade: NTEP Class III at 8,000 divisions

Certificate of Conformance #96-071

Options

- Rail plates, rail clips, bolts, washers and anti-creep bars for approaches and intermediate section
- Shallow pit installation
- Weight indicators
- Scoreboard displays
- Anti-sloshing software for rapid weighing tank cars
- Surge voltage protection
- Printers
- Cut-off controls

- RD 4100/6100 Remote Display
- Model 1310 Indicator/Controller