Avery Weigh-Tronix portable scales go anywhere there is an immediate need for on-site truck weighing — mining and timber operations, road construction, asphalt facilities, quarries or construction sites. They can also quickly step-in to fill the gap when other scales fail.

Focus on productivity with same-day setup and operation.

Avery Weigh-Tronix Portable Truck Scales can be installed in just 2–4 hours on any stable surface, including: bridge planks, concrete piers or blocks, a concrete slab or swamp pad. The self-contained modular sections eliminate costly site preparation. Each section incorporates built-in Weigh Bar® weight sensors, leveling pads and dedicated conduit runs for fast setup and disassembly.

**Avery Weigh-Tronix Portable Truck Scales**

- **BridgeMont BMS-P**
- **BridgeMont BMS DT-P**
- **SteelBridge IMXT-P**
Features and benefits

Durability for the long haul — Nowhere is structural integrity more critical than in a portable truck scale. The ability to provide accurate measurement under extreme environmental conditions, frequent moves and heavy loading requires exceptional strength and engineering. Avery Weigh-Tronix Portable scales meet the challenge with sandwich steel construction: a checkered steel deck, supported by full-length structural steel members and stabilized with a complete bottom plate. A continuous perimeter weld seals the entire assembly against moisture and premature corrosion.

Proven Weigh Bar® reliability — In a three-year study on 250 truck scales, the Weigh Bar exhibited an annual failure rate of just 0.75% – compared with an industry average of 3 to 5% for load cells.

To add to the overall reliability, Weigh Bar cable is sheathed in stainless steel and internally routed for superior protection against moisture, wear and rodents.

Permanent installation — When a temporary need turns into a long-term application, there's no need to purchase a new scale. All models of the BMS-P, BMS DT-P and IMXT-P can be readily converted to permanent, low-profile truck scales.

Specifications

<table>
<thead>
<tr>
<th></th>
<th>BMS-P</th>
<th>BMS DT-P</th>
<th>IMXT-P</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual Tandem Axle Rating</td>
<td>70,000 lb</td>
<td>80,000 lb</td>
<td>90,000 lb</td>
</tr>
<tr>
<td>Concentrated Load Capacity (CLC)</td>
<td>35 tons</td>
<td>40 tons</td>
<td>45 tons</td>
</tr>
<tr>
<td>&quot;r&quot; Factor Rating</td>
<td>2.06</td>
<td>2.35</td>
<td>2.65</td>
</tr>
<tr>
<td>Weight Sensors: Weigh Bars</td>
<td>60K</td>
<td>60K</td>
<td>60K</td>
</tr>
<tr>
<td>Top Plate: Checkered</td>
<td>1/4&quot;</td>
<td>1/4&quot;</td>
<td>3/8&quot;</td>
</tr>
</tbody>
</table>

Height: 19 inches
Finish: Sandblasted steel components with epoxy primer and alkyd top coat
Junction Boxes: Stainless steel NEMA 4X
Surge Voltage Protection: Standard
Cable: Stainless steel sheathed Weigh Bar cable and 50’ interface cable
Bulkheads:
- 13’ structural “C” channel type bulkheads (one pair) included with 10’ wide models
- 14’ structural “C” channel type bulkheads (one pair) included with 11’ wide models
Operating Environment: -30° to 130° F
Approvals: NTEP, CC#97-074 (BMS and BMS DT) and CC#98-040 (IMXT)

Options

Battery operated or AC powered instrumentation
Welded guide rails
Guide posts
Custom lengths and widths available
Remote Displays

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