

# Avery Weigh-Tronix

## Portable Truck Scales

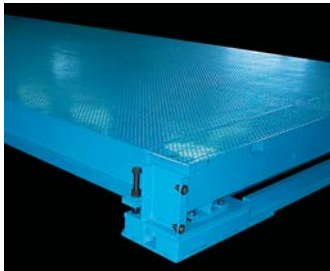
**BridgeMont** BMS-P

**BridgeMont** BMS DT-P

**SteelBridge** IMXT-P



*Fully-enclosed sandwich steel construction for greater strength and corrosion protection.*



*Modular sections bolt together at the installation site.*

**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.**



*Installs on any stable surface — fast assembly and leveling.*

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.

## 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

|                                  | BMS-P     | BMS DT-P  | IMXT-P    |
|----------------------------------|-----------|-----------|-----------|
| Dual Tandem Axle Rating          | 80,000 lb | 80,000 lb | 90,000 lb |
| Concentrated Load Capacity (CLC) | 40 tons   | 40 tons   | 45 tons   |
| "r" Factor Rating                | 2.35      | 2.35      | 2.65      |
| Weight Sensors: Weigh Bars       | 60K       | 60K       | 60K       |
| Top Plate: Checkered             | 1/4"      | 1/4"      | 3/8"      |
| Bottom Plate                     | 1/8"      | 3/16"     | 3/16"     |

**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)

Weigh Bar® is a registered trademark of Weigh-Tronix Inc

4/07 PortableVS\_L\_P65 PN09786-0019A e4 Printed in USA

## BMS-P 80,000lb DTA/40 ton CLC, 10' or 11' wide, 19" profile

| Model       | Capacity(lb) | Length | Modules | Ship Wt(lb) |
|-------------|--------------|--------|---------|-------------|
| BMS-P 2010  | 80,000       | 20'    | 1       | 10,906      |
| BMS-P 2410  | 80,000       | 24'    | 1       | 11,950      |
| BMS-P 4010  | 160,000      | 40'    | 2       | 19,190      |
| BMS-P 4710  | 160,000      | 47'    | 2       | 21,277      |
| BMS-P 6010  | 200,000      | 60'    | 3       | 27,493      |
| BMS-P 7010  | 200,000      | 70'    | 3       | 30,623      |
| BMS-P 7510  | 200,000      | 75'    | 3       | 32,188      |
| BMS-P 8010  | 200,000      | 80'    | 4       | 35,777      |
| BMS-P 9310  | 200,000      | 93'    | 4       | 39,949      |
| BMS-P 10010 | 200,000      | 100'   | 4       | 42,036      |

## BMS DT-P 80,000lb DTA /40 ton CLC, 11' wide, 19" profile

| Model         | Capacity(lb) | Length | Modules | Ship Wt(lb) |
|---------------|--------------|--------|---------|-------------|
| BMS DT-P 2411 | 90,000       | 24'    | 1       | 13,332      |
| BMS DT-P 4711 | 180,000      | 47'    | 2       | 23,898      |
| BMS DT-P 7011 | 200,000      | 70'    | 3       | 34,391      |
| BMS DT-P 9311 | 200,000      | 93'    | 4       | 45,049      |

## IMXT-P 90,000lb DTA/45 ton CLC, 10' wide, 19" profile

| Model        | Capacity(lb) | Length | Modules | Ship Wt(lb) |
|--------------|--------------|--------|---------|-------------|
| IMXT-P 2010  | 100,000      | 20'    | 1       | 12,492      |
| IMXT-P 2410  | 100,000      | 24'    | 1       | 13,769      |
| IMXT-P 4010  | 180,000      | 40'    | 2       | 22,238      |
| IMXT-P 4710  | 180,000      | 47'    | 2       | 24,791      |
| IMXT-P 6010  | 200,000      | 60'    | 3       | 32,005      |
| IMXT-P 7010  | 200,000      | 70'    | 3       | 35,833      |
| IMXT-P 8010  | 200,000      | 80'    | 4       | 41,751      |
| IMXT-P 9310  | 200,000      | 93'    | 4       | 46,856      |
| IMXT-P 10010 | 200,000      | 100'   | 5       | 51,527      |

## Options

Battery operated or AC powered instrumentation

Welded guide rails

Guide posts

Custom lengths and widths available

Remote Displays

Central Carolina Scale, Inc  
www.CentralCarolinaScale.com  
Sanford, NC

## Avery Weigh-Tronix

Fairmont, Minnesota U.S.A.  
USA Toll-Free: 800-368-2039  
USA Phone: 507-238-4461  
www.wtxweb.com

Pointe Claire, Quebec Canada  
CAN Toll-Free: 800-561-9461  
CAN Phone: 514-695-0380  
www.weigh-tronix.ca

