



Portable Truck Scales

BridgeMont BMS-P
SteelBridge IMXT-P

Technical Specification

General

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.

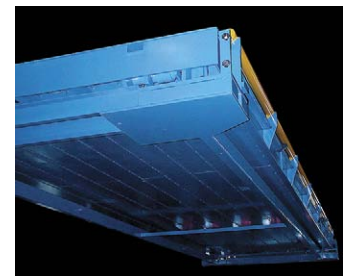
Avery Weigh-Tronix Portable Truck Scales can be installed in just 2–4 hours on any stable surface, including: bridge planks, concrete piers or blocks, a concrete slab or swamp pad. The self-contained modular sections eliminate costly site preparation. Each section incorporates built-in Weigh Bar® weight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

Features & Benefits

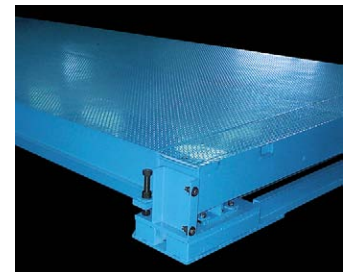
Durability for the long haul — Nowhere is structural integrity more critical than in a portable truck scale. The ability to provide accurate measurement under extreme environmental conditions, frequent moves and heavy loading requires exceptional strength and engineering. Avery Weigh-Tronix Portable 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. Continuous welding throughout 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 and IMXT-P can be readily converted to permanent, low-profile truck scales.



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



Modular sections bolt together at the installation site.



Installs on any stable surface – fast assembly and leveling.



Specifications

	BMS-P	IMXT-P
Dual Tandem Axle Rating	90,000 lb	90,000 lb
Concentrated Load Capacity (CLC)	45 tons	45 tons
"r" Factor Rating	2.65	2.65
Weight Sensors (Weigh Bars) Capacity:	75K	75K
Top Plate: Checkered	1/4"	3/8"
Bottom Plate	1/8"	3/16"

Height: 19 inches nominal

Finish: Sandblasted steel components with primer and 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-P) and CC#98-040 (IMXT-P)

Options

- Battery operated or AC powered instrumentation
- Bolt-on guide rails
- Guide posts
- Custom lengths and widths available
- LED Remote Displays

BMS-P

90,000lb DTA/45 ton CLC, 10' or 11' wide, 19" profile

Model	Capacity(lb)	Length	Modules	Est. Ship Wt (lb)
BMS-P 201X	90,000	20'	1	10,906
BMS-P 241X	90,000	24'	1	11,950
BMS-P 401X	180,000	40'	2	19,190
BMS-P 471X	180,000	47'	2	21,277
BMS-P 601X	270,000	60'	3	27,493
BMS-P 701X	270,000	70'	3	30,623
BMS-P 751X	270,000	75'	3	32,188
BMS-P 801X	270,000	80'	4	35,777
BMS-P 931X	270,000	93'	4	39,949
BMS-P 1001X	270,000	100'	4	42,036

IMXT-P

90,000lb DTA/45 ton CLC, 10' or 11' wide, 19" profile

Model	Capacity (lb)	Length	Modules	Est. Ship Wt (lb)
IMXT-P 201X	100,000	20'	1	12,492
IMXT-P 241X	100,000	24'	1	13,769
IMXT-P 401X	200,000	40'	2	22,238
IMXT-P 471X	200,000	47'	2	24,791
IMXT-P 601X	270,000	60'	3	32,005
IMXT-P 701X	270,000	70'	3	35,833
IMXT-P 801X	270,000	80'	4	41,751
IMXT-P 931X	270,000	93'	4	46,856
IMXT-P 1001X	270,000	100'	5	51,527

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