



STEELBRIDGE XT

Steel Deck
Truck Scale
(IMXT)

Technical Specification

DESCRIPTION

The SteelBridge XT (IMXT) is a true heavyweight in the industry. It is a premium scale engineered to thrive on heavy, frequent, day-to-day use. The extra-rugged design and construction means structural integrity will be maintained, even after many years of heavy use. With a 15-year weighbridge warranty, you can be sure the IMXT will be operating long after the competitor's scale has worn out. It features extra heavy steel components that are 100% welded together throughout the structure.

SPECIFICATIONS

FEATURES	BENEFITS
Gross Capacity	With capacities up to 135 tons, this scale can handle a wide range of trucks and configurations.
Platform Lengths	Platform lengths ranging from 10' to 150'; assuring the right size for any application.
Platform Widths	Choose from 10', 11', and 12' wide platforms to assure the right fit for any application.
Concentrated Load Capacity (CLC)	At 45 tons, the IMXT Steel Deck Truck Scale is comparable to other product costing thousands more.
"r" Factor	With an "r" Factor of 2.65, the IMXT can handle more than 2.5 times the legal highway load limit of 34,000 lbs.
Module Size	At 10', 12', 20' and 23.5' the IMXT uses fewer load sensors, only 8 on a typical 70' scale, compared to 10 or more on competitive models.
Weighbridge Thickness	At only 10.5" thick, the IMXT Steel Deck Truck Scale provides a low-profile, compact and structurally superior design.
Elevation Profile	At 14", the compact, efficient design of the IMXT minimizes approach and exit requirements, yet provides the user total confidence in integrity of the Weighbridge. Convenient risers are available to increase under scale clearance..
Full Electronic Design	Avery Weigh-Tronix has been an unsurpassed leader in utilizing state of the art technology in virtually every aspect of truck scale design.
Factory Assembled	Minimizes installation time and costs. Insures consistent product quality.
Weighbridge Design	An outstanding weighbridge design that includes a sandwich steel deck with 100% welding throughout the structure. The second benefit of the sandwich design is it seals the deck structure from the elements which can reduce the life of the scale.
Corrosion Protection	All steel surfaces are commercial blast cleaned to SSPC 6 industry standards. A high performance, high solids, two component urethane primer is applied, followed by a final coat of high quality, heavy-duty polyurethane.
Module Installation	The absence of grout plates and the drilled in place anchor bolts mean simple, low cost installation.
Weigh Bars®	Capacity of 75,000 lbs for each sensor, with 200% overload safety factor.
Weigh Bar Performance	Impervious to end, side and torque loading conditions, that can destroy conventional load cells.
Weigh Bar Design	Produced from high-quality aircraft alloy steel bar stock, that has been heat treated, quenched and tempered to resist corrosion. Better repeatability and less hysteresis than stainless steel.
Weigh Bar Reliability	Failure rate of only 0.31% compared with a national average of 3 to 5% for conventional load cells.
Weigh Bar Protection	Extremely resistant to surge voltage or lightning related problems. Strain gauges are sealed against moisture or corrosive elements.
Weigh Bar Cabling	Stainless steel jacketed cables in factory installed conduit runs.
Easi-Post Self-Checking	Rugged Easi-Post™ suspension with self-checking design absorbs shocks and vibration from sudden starting and stopping of vehicles on scale. All components are made with hardened, stainless steel material for outstanding strength, durability, and corrosion protection. No check rods or bumper plates required.
NEMA 4X Stainless Steel Junction Box	Compact, all stainless steel junction and summation boxes, with connector-less cables for elimination of moisture or condensation related problems. Includes Gore breather vent to equalize pressure inside and outside the box.



ZM305 INDICATOR

The ZM305 Series Indicator with truck scale In/Out software application simplifies vehicle weighing. Track up to 250 different open transactions and store up to 1,000 completed transactions. You can also store up to 500 tare weights. Other instruments are available with a wide range of features and functionality.

Approvals –

NTEP
Cert. Of Conf. #98-040

Warranty –

5 years - Weigh Bars
15 years - Weighbridge structure

OPTIONS & ACCESSORIES

Guide Rails
Manhole Rings and Covers
Multi-Platform Systems for Axle Weighing
Grain Dump Modules
Guard Posts
Pre-Fab Foundations
SensorComm™ Digital Junction Box System
Indicators
Remote Displays
Printers
Unattended Control Systems
MI-Payload, Measurement Intelligence Software
Hazardous Area Systems



GUIDE RAILS AND POSTS

Extreme-duty guide rails are bolted in place to provide a strong, attractive barrier against accidental drive-offs. Tubing is gentle on truck wheels and is offset to allow full use of deck.



MANHOLE

Provides easy access in pit installations. Reinforced 2' x 2' manhole includes a heavy duty cover to maintain weighbridge integrity.



UNATTENDED SYSTEMS

Allows 24/7 scale availability. Can be customized with several hardware options such as loop detectors, ID readers, video surveillance, traffic lights, and wireless communication.

NOMINAL PLATFORM LENGTH (feet)	MODULES	WEIGH BARS	GROSS CAPACITY (tons)
10	1	4	50
12	1	4	50
20	1	4	50
24	1	4	50
30	2	6	100
35	2	6	100
40	2	6	100
47	2	6	100
60	3	8	135
70	3	8	135
80	4	10	135
93	4	10	135
100	5	12	135
116	5	12	135

All platform lengths are available in a choice of widths:
9'-10.5', 11', 12', 13', 14'

Avery Weigh-Tronix

www.averyweigh-tronix.com

Avery Weigh-Tronix is an ITW company



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