

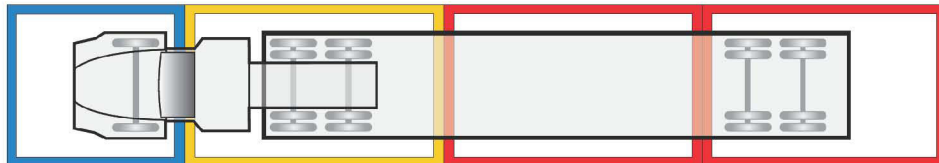
STEEL DECK TRUCK SCALE

VEHICLE SCALES



PART #	TUF-BRIDGE FOR HD INDUSTRIAL APPLICATIONS	EVERLAST FOR LIGHT TO MEDIUM APPLICATIONS
Gross Capacity	270,000 lbs (135 tons)	160,000 lbs (80 tons)
CLC (concentrated load capacity)	120,000 lbs (60 tons)	80,000 lbs (40 tons)
Width	10' to 14' (3m to 4.2m)	
Length	20' to 120' (6m to 36m)	
Module Length	10' to 20' (3m to 5.5m)	
Scale Profile	16.5" (420mm)	14.5" (370mm)
Scale Clearance	5.5" (140mm)	5.5" (114mm)
Deck Plate Thickness	7/16" (10mm)	5/16" (8mm)
Weigh-bridge End Plates	3/4" x 11" (20mm x 280) plate	3/5" x 8.7" (16mm x 210) plate
Inner Supports	1" (25mm) thick slab plates (6 per module)	3/4" (18mm) thick slab plates (6 per module)
Finish	Baked Primer & Baked Full Coverage Powder Coating	
Load Cell Type	Double ended, Analog, Alloy Steel, NTEP	
Load Cell Numbers	8 pcs (reference for 18m only)	
Load Cell Capacity	75,000 lbs, LE (35 t, Large Envelope)	75,000 lbs, SE (35 t, Small Envelope)
Load Cell Cable	Stainless Steel Sheathed for waterproofing plus extra shroud for rodent protection	
Junction Box	NEMA 4X Stainless Steel, Cable strain reliefs	
Summing Card	8 cell boards with surge protection & sectional adjustment (reference for 18m only)	
Surge Protection	Lightening/Surge Protection	
Installation Type	Above or In-ground	
Est. Shipping Weight	23,370 lbs (10,600 kg 3m x 18m reference only)	18,080 lbs (8,200 kg 3m x 18m reference only)
Warranty	5 years on scale platforms, 2 years on electronics	
Certification	NTEP, Class III L, CC# 17-034	

OPTIONAL MULTI-AXLE TRUCK SCALES - FAST AXLE WEIGHING



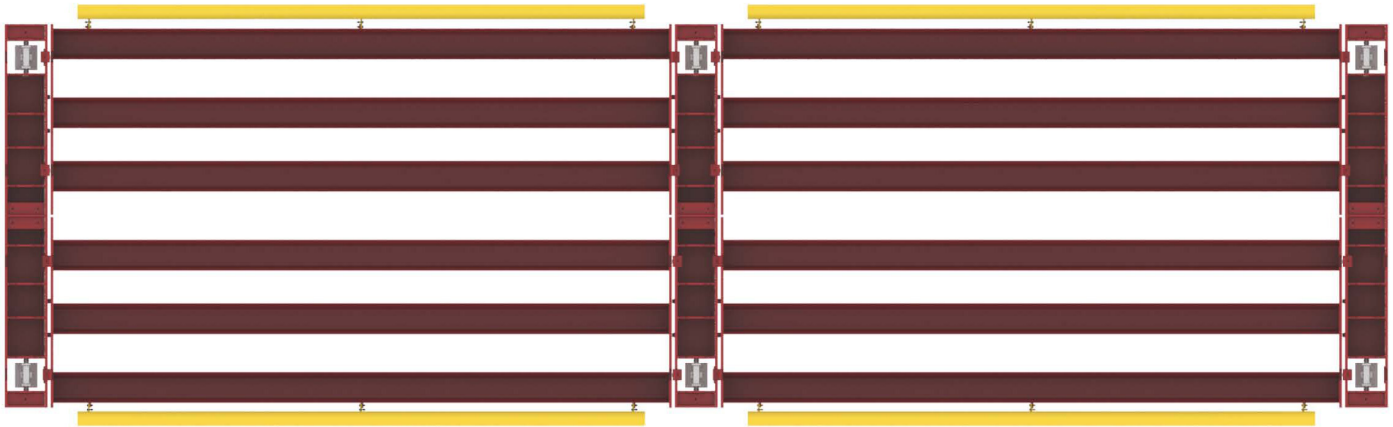
Front Axle Scale

Drive Axle Scale

Rear Axle Scale

TUFNER WEIGHING SYSTEMS

ORTHOTROPIC STRUCTURE



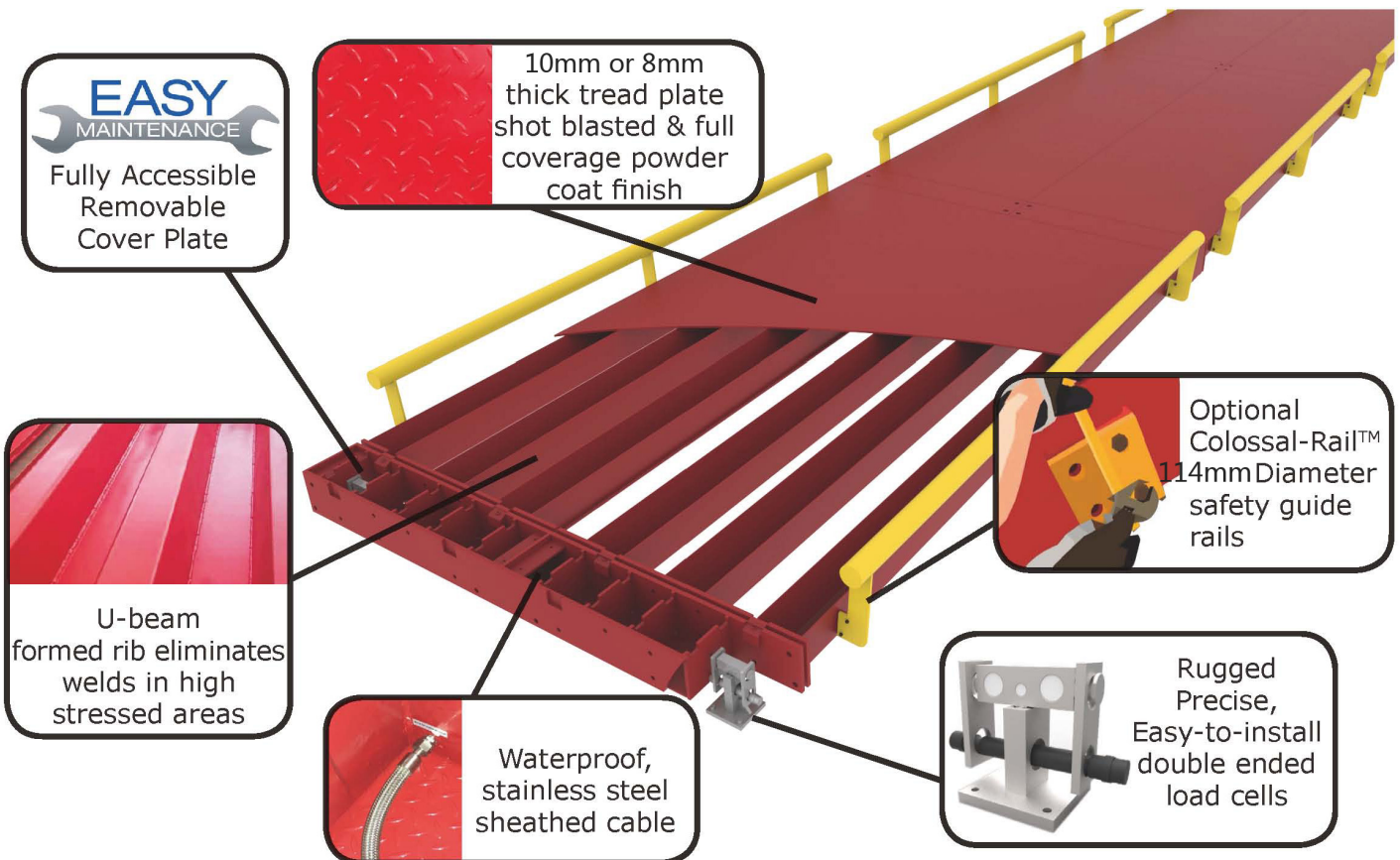
REASONS TO CHOOSE A U-BEAM DESIGN TRUCK SCALE

U-Beam

- Our continuously welded design provides an airtight seal preventing internal rusting
- Easily distributes the forces from truck traffic to reduce stress, our orthotropic design is similar to the one used on the Golden Gate Bridge
- Does not flex, U shape will hold sturdy while driven on and provide a smoother ride

I-Beam

- Uses intermittent welds to sandwich beams to the top and bottom of plates, which allows moisture to penetrate and rust the insides
- Under high stress, these intermittent welds can crack and cause deck failure
- Vibrates and allows for swaying and movement while driven on



STEEL DECK TRUCK SCALE

BUILT TO THE HIGHEST STANDARD

Tufner Scales is devoted to offering a complete line of truck scales to meet any application requirement, from a new installation, to a custom size for an existing concrete foundation. TUFNER was developed by utilizing our years of experience where we've always met the highest standard. We have turned it up a notch to create top quality, industrial tough scales. Our Tufner Truck Scale is built tough and is the ideal choice for a wide variety of vehicle weighing applications.



EXCEPTIONAL STRENGTH OUTPERFORMS COMPETITORS' SCALES

TUFNER utilizes up to 10mm tread plate decking for increased durability and strength, and is supported by orthotropic steel ribs that are completely sealed by continuous welds. Unlike our competitors' design that uses intermittent welds, TUFNER truck scales are built with an airtight seal that eliminates the potential for rusting from the inside out. The ribs are shaped to distribute concentrated loads better than I-beam designs, leading to a longer life for your scale even in the harshest environments.



INTERCHANGEABLE MODULAR DESIGN REVOLUTIONIZES THE INDUSTRY

TUFNER truck scales are the only scale of its kind available, thanks to our patented modular design. Our distributors have the ability of stocking individual modules. This allows them to build scales of any size per customers' requirements, or to expand the length of the scale for future growth. Our Tufner Truck Scale is designed for easy access, which allows maintenance to be more efficient and cost-effective, versus the commonly seen non-modular or semi-modular designs.



REVOLUTIONARY DESIGN

EASE OF INSTALLATION AND MAINTENANCE

Each module has as few as 6 bolts compared to 40 on all other modular designed scales. Having less bolts minimizes the time of installing a 3 x 18m scale to only hours instead of days. Our Tufner Scale is shipped on an open side flat rack container, allowing for easy unloading. This has made it possible to unload our modular design panels with an industrial fork lift rather than a crane, saving our customers time and money.



POWDER COAT FINISH

Tufner Weighing Systems utilizes a powder coat finish on all of our scale systems. Compared to conventional painting methods, our technique has proven to be as much as 10 times more effective in resisting wear and corrosion in even the toughest of environments. Powder coat surfaces are more resistant to chipping, corrosion, scratching, fading, and wearing, than other finishes. It's non-corrosive properties even allow for use in chemical industries. More importantly, it contains zero solvents which is safe, and environmental friendly.



OPTIONAL PORTABLE TRUCK SCALES (NO CONCRETE INSTALLATION)

Portability frame with bulk head

