

TUFF-DECK
STEEL DECK VEHICLE SCALES

ACTIVE
SCALE
MANUFACTURING INC.

STEEL TUFF-DECK
VEHICLE SCALES



110,000lb TANDEM AXLE RATING

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TUFF-DECK STEEL DECK VEHICLE SCALES

WEIGH BRIDGE

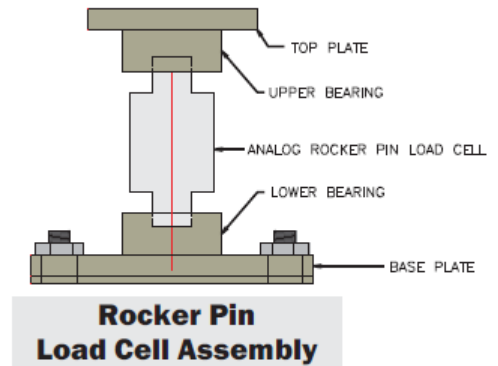
The all new Tuff-Deck 5 Series Weighbridge is constructed entirely of massive heavy duty wide flange beams. Each main beam grouping consists of triple W12 beams connected with 10" Diaphragm plates on 5ft centres with wide flange cross beams connecting each side. This Unitized construction significantly strengthens the weighbridge, reducing stress and fatigue to individual beams as seen in most competitor's designs. The open bottom design effectively aerates the under structure avoiding corrosion as seen in designs with enclosed air chambers which rust from the inside out. Each Module has a 1/2" plate end cap, further protecting its structurals from pre mature corrosion due to accumulated mud and ice laying on exposed structurals. All decks are fitted with corrosion proof PVC conduits and fibre glass NEMA 4x junction boxes.

LOAD CELLS

The Tuff-Deck series vehicle scales utilize NTEP approved, all 17-4 PH and 316 stainless steel constructed, 30 tonne capacity, Rocker Pin design load cells. State of the art manufacturing processes ensure reliability and accuracy. Cables have external armoured braiding to prevent damage from abrasion and chewing rodents. These load cells are hermetically sealed and IP69 rated for submission under 1 meter of water for 100 hours without allowing moisture intrusion.

LOAD CELL MOUNTS

The rocker pin load cell mounting system is a simple design consisting of a lower foundation plate and upper weighbridge plate, each with a tool steel hardened bearing to transfer load forces to the rocker pin load cell. This system allows a 360° free floating, self centering weighbridge. A rubber boot is clamped onto the load cell encasing the lower bearing protecting it from contaminants. This simple mounting arrangement allows load cell replacement in a matter of minutes, reducing down time and lowering service costs.



OPTIONS

- TIRE GUIDERAILS
- LOAD CELL RISOR KITS
- LOW PROFILE DESIGN
- 11' AND 12' WIDTHS
- HANGING WALKWAYS
- SURGE PROTECTION
- EXTENDED WARRANTIES
- PORTABLE MODELS
- PIT MODELS

Customized heights, widths, lengths available to suit existing foundations are our specialty



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