

**TUFF-DECK**  
**PIT DESIGN VEHICLE SCALES**

**ACTIVE**  
**SCALE**  
**MANUFACTURING INC.**

**PIT DESIGN TUFF-DECK**  
**VEHICLE SCALES**



**110,000lb TANDEM AXLE RATING**

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# TUFF-DECK PIT DESIGN VEHICLE SCALES

## WEIGH BRIDGE

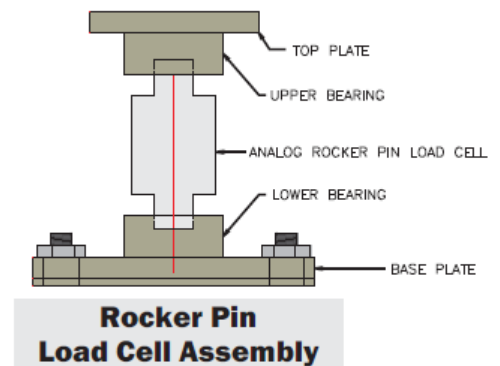
Pit design Tuff-Deck Vehicle Scales are available in either steel deck or concrete deck models with access to the load cells, mounts, bumper bolts, junction boxes, and pit through manholes in the deck. The decks are fitted with reinforced threaded fixtures to accept lifting eyes making slinging and placement into the pit simple. All decks are fitted with corrosion proof PVC conduits and fibre glass Nema 4 x 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
- 11' AND 12' WIDTHS
- SURGE PROTECTION
- LOAD CELL RISOR KITS
- LOW PROFILE DESIGN
- EXTENDED WARRANTIES

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



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