

**MODU-DECK**  
MODULAR ELECTRONIC VEHICLE SCALES

**ACTIVE**  
SCALE  
MANUFACTURING INC.

**STEEL MODU-DECK  
VEHICLE SCALES**



**NTEP APPROVED 110, 000 lb CLC**

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# MODU-DECK

## MODULAR ELECTRONIC STEEL DECK SCALES

### WEIGH BRIDGE

The all new Modu-Deck 5 Series Steel 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 5 ft 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.

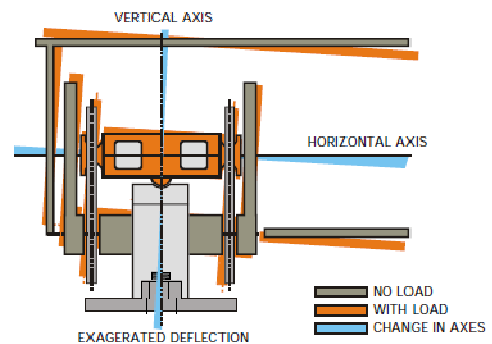
The open bottom design effectively aerates the under structure avoiding corrosion as seen in designs with enclosed air chambers which rust from the inside out. Each Module has a 1/2" plate end cap, further protecting its structurals from pre mature corrosion due to accumulated mud and ice.

### LOAD CELLS

All Modu-Deck 5 Series truck scales are provided with NTEP approved, double link, centre fulcrum, shear beam, hermetically sealed load cells with IP67, IP68 and IP69 ratings. Cables have external armoured braiding to prevent damage from abrasion and chewing rodents.

### LOAD CELL ASSEMBLY

The Modu-Deck 5 Series utilizes the time proven parallel link suspension system allowing compensation for thermal expansion and contraction of the weighbridge. With 360° rotation, the system eliminates all negative aspects of uni-directional systems. The load cell fulcrum rests in a machined radius with no bolt down hardware, making replacement a simple task taking a matter of minutes reducing down time and service costs.



### OPTIONS

- TIRE GUIDERAILS
- MSHA COMPLIANT GUIDE RAILS
- TOP ACCESS TO LOAD CELLS
- 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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P.O. Box 2145, 6 York Road, Brantford, ON Canada N3T 5Y6  
T. 519.752.3701 • F. 519.756.0267 • E. info@activescale.com  
Toll Free: 1-866-284-2223 • 24 Hour Service: 1-800-850-8770

1 866-284-2223 • [ACTIVESCALE.COM](http://ACTIVESCALE.COM)