

**MODU-DECK**  
MODULAR ELECTRONIC VEHICLE SCALES

**ACTIVE**  
SCALE  
MANUFACTURING INC

INDUSTRIAL & HEAVY DUTY  
VEHICLE SCALES



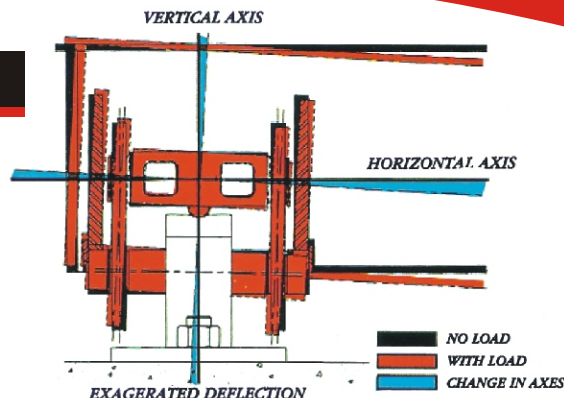
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# MODU-DECK

## MODULAR ELECTRONIC VEHICLE SCALES

### Load Cell Assembly

The heart of any weighing device is the load sensing element. The Modu-Deck parallel link suspension and rocker fulcrum load cell provide a unique and vastly superior load sensing system. The double link 360° rotation suspension eliminates off-centre side load weighing errors created by thermal expansion of the weighbridge and accelerating or braking vehicles. The link suspension for return to zero, linearity, back weighing and enhances overall accuracy.



The rocker fulcrum load cell is the only load cell which allows the weighbridge to determine the loading axis of the load cell. Unlike other systems, both axes remain constant to one another in both the unloaded, and fully loaded position when deflection to the weighbridge occurs. This unique feature eliminates the main source of weighing errors for which other systems do not adequately compensate.

The link and rocker fulcrum system is the most forgiving and quickest system to install, as it is simple to align and shim. Grouting is not required, further speeding up the installation.

Ease of installation, ease of maintenance and sustained accuracy are trademarks of the system, which has proven itself in thousands of installations.

### Accessories

A complete line of accessories is available from digital weight indicators, printers and remote displays to bar code systems, computerized scale house ticketing systems and unmanned weigh stations.

### Weigh-Deck Options

- Tire Guiderails
- 10mm or 12mm Deck Plate
- Pit Access
- Custom Paint Systems
- Side Skirting
- Tire Tread Wear Plate

### Sizes and Capacities

- Widths  
Standard module width is 10', available in widths up to 12'. Custom widths to 14'.
- Lengths  
Standard module lengths are 15', 17.5', 20', 22.5', and 25'. Custom modules are available in any length from 15' to 30'.
- Capacities  
Standard scale capacities are from 40 tonnes to 100 tonnes. Custom scales available to 250 tonnes.

### Head Office & Plant

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Products are available through Active Scale Sales Offices, or through dealers located across Canada and the United States  
Specifications are subject to changes without prior notice

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