

## Roadweigh II Series

### Features

**STEEL OR CONCRETE (FIELD POUR)  
DECKS - TOP ACCESS MAKES IT EASY FOR  
NEW OR EXISTING PIT INSTALLATIONS**

Steel weighbridge design using 12" I-beam design with standard 1/4" diamond plate (3/8" optional)

Concrete weighbridge design using steel reinforced 6" concrete pad with 12" concrete pad along each side - **POURED ON-SITE**

Sizes from lengths 10' to 140' widths from 10' to 12'

Capacities from 40 ton to 100 ton



## Hyweigh 40AG

The Hyweigh 40AG Weighbridge is constructed using massive 27-inch wide-flange main girders and eight-inch cross beams. The concrete deck is assembled on site, with corrugated steel, and two mats of rebar, to accept six or eight inches of deck concrete. The result is a scale platform of great strength, durability and long-term reliability.

- Totally non-electronic for maximum reliability.
- NTEP certified for accuracy and performance.
- Guaranteed against damage from water, flooding, humidity, condensation, washdown, rodents.
- Hydrostatic cells are impervious to RFI and EMI.
- High capacity: 75,000 pounds each, standard.
- Free-floating column with self restoration design to absorb energy from truck motion on the scale.
- Grade 304 stainless steel, welded construction for high corrosion resistance.
- Extended calibration integrity.





Emery Winslow Hydrostatic Truck Scale Load Cell

- Non-electronic
- Guaranteed not to fail from the effects of water, high pressure wash down, humidity, condensation, flooding. They even operate underwater.
- Guaranteed not to fail from the effects of lightning, surge currents, welding currents, RFI/EMI. They do not have electrical cables that can be easily damaged or eaten on by rodents.
- Explosion proof.
- Manufactured out of special materials such as 304/316 stainless steel, titanium, monel, hastelloy and Teflon for hazardous areas.
- Accurate to within 1 part in 60,000
- Sensitive to within 3 parts in 1,000,000. A 30,000 lb Hydrostatic Cell can sense .09 lbs.
- Capable of high capacity. The largest Hydrostatic Load Cell is 12 million lbs.
- Capable of with standing shock loads
- Capable of operating in a 500 degree F range, from -50 degrees F to 450 degrees F



**Active Modu-Deck**

- 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 tons to 100 tons. Custom scales available to 250 tons.

Steel or concrete deck



The **SURVIVOR SR** for above ground installation comes in either steel or concrete deck. Recognize an SR by its massive wide flange i-beams on either side. These heavy duty side rails add strength and rigidity to an already sound design, and function as built-in guide rails. The SR model offers Rice Lake's wide flange i-beam construction throughout the weighbridge, for unbeatable strength and lifelong use.

- Weighbridge modules for creating custom lengths
- 75,000 lb capacity load cells and pre-assembled mounts
- Junction box(es) appropriate for number of load cells utilized
- NTEP-certified, CC #98-011A1
- 90,000 lb Concentrated Load Capacity (CLC)
- Up to 270,000 lb full scale capacity
- Span deflection ratio (1:3100) for legal highway loads
- 8" thick reinforced concrete deck
- Three standard widths: 11', 12' and 14'



For above ground or pit installs, the **SURVIVOR OTR** Steel Deck sets the standard for truck scale design and performance. Tightly spaced wide flange i-beams form the industry's strongest weighbridge design, weighing as many as 250 trucks per day for 25 years without a trace of weighbridge fatigue. The OTR Steel Deck offers convenient top access to load cells, and a low profile to minimize steep approaches. Unique self-setting hinge-like connectors make for easy installation and future expansion.

- Top access to load cells and junction box
- 75,000 lb capacity load cells and G-Force™ mount assemblies
- Junction box(es) appropriate for number of load cells utilized
- NTEP-certified, CC #02-003A2
- 100,000 lb Concentrated Load Capacity (CLC)
- 100,000 lb Dual Tandem Axle (DTA)
- Up to 270,000 lb full scale capacity
- Span deflection ratio (1:1100) for legal highway loads
- Three standard widths 10', 11', and 12'

