

SURVIVOR[®]

ATV SERIES

PORTABLE STEEL DECK TRUCK SCALE



RICE LAKE[®]
WEIGHING SYSTEMS

800-472-6703

www.ricelake.com

Portability Meets Performance

The SURVIVOR® ATV brings heavy-capacity weighing to non-permanent sites. The ATV is a robust system that provides reliable weight readings at demanding worksites including temporary aggregate, construction and timber operations.

More Structural Steel

Rice Lake Weighing Systems' SURVIVOR truck scales are constructed with up to 25% more structural steel than competitor models, providing the increased deck support and weighbridge strength necessary to last a generation or more.

Making the Toughest Truck Scales on Earth® begins with the design. Rice Lake's engineering team uses Finite Element Analysis (FEA) technology to identify key stress points on truck scales and to design scales with superior structural integrity, which provides greater durability for your investment.

1 Self-contained scale modules arrive at the temporary job site.



Long-Lasting Value

These design elements combine so SURVIVOR ATV truck scales can accommodate a minimum of 250 trucks every day for 25 years without weighbridge fatigue—the equivalent of more than 2 million vehicle weighments.

Rice Lake's warranty covers load cells, junction boxes and suspension systems to ensure worry-free operation. SURVIVOR ATV truck scales also include a lightning protection package, and weighbridges are warranted against defects in materials and workmanship. Rice Lake offers either a 5-year or industry-leading 12-year warranty from delivery.

Versatile Truck Scales

The SURVIVOR ATV is easy to set up, expand and transport to new sites. The modules are factory-wired and preassembled with self-seating p-brackets, making it easy to add or remove modules to fit your specific application requirements.

2 Modules are unloaded onto level, compacted gravel or concrete.



3 Bulkheads are backfilled and ramps are finished.



4 Instruments are wired, then the scale is calibrated and ready for use.



Durable Steel Deck Construction

The wide-flange I-beam construction of SURVIVOR truck scales minimizes deflection, which has a major impact on the life of the weighbridge. Deflection is the change, or bend, along the primary axis between no-load and rated load conditions. When a vehicle drives onto the scale, there will be longitudinal deflection and the heavier the vehicle is, the greater the deflection will be.

End Cleanout Area

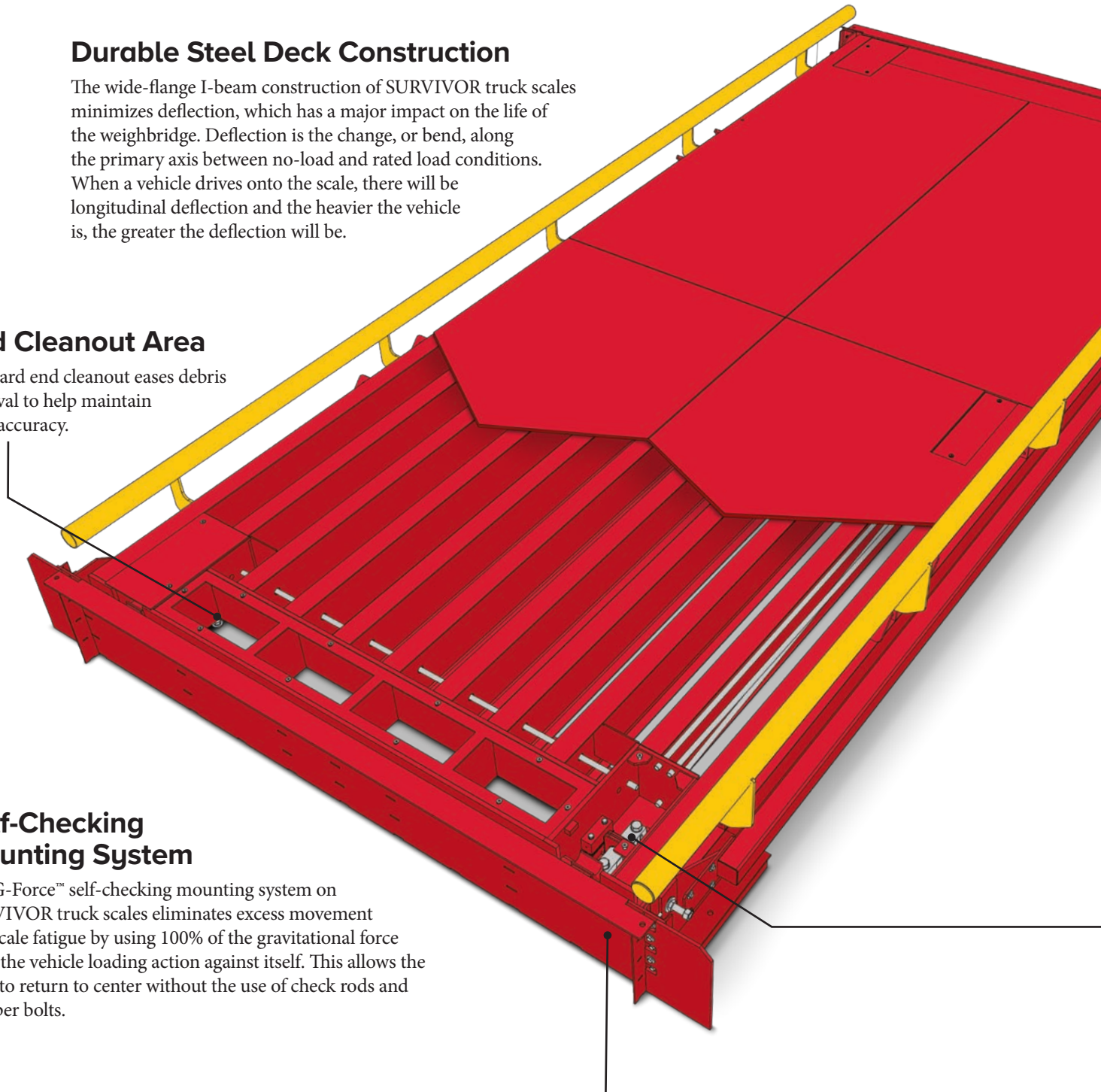
Standard end cleanout eases debris removal to help maintain scale accuracy.

Self-Checking Mounting System

The G-Force™ self-checking mounting system on SURVIVOR truck scales eliminates excess movement and scale fatigue by using 100% of the gravitational force from the vehicle loading action against itself. This allows the scale to return to center without the use of check rods and bumper bolts.

Standard Bulkheads

Reinforced bulkheads are heavily braced for high compression. ATV bulkheads are removable to simplify expansion or use with optional steel ramps or concrete approaches.





Load Cell Pockets

The load cell pockets on SURVIVOR truck scales are integrated into the longitudinal beams, providing a stable framework for suspension components and reducing structural fatigue on the ends of the weighbridge.

SURVIVOR load cell pockets also feature boltless top access plates. This design allows load cells and electronics to be accessed from the top of the scale deck for convenient maintenance. Boltless covers also minimize downtime by eliminating the time-consuming work of removing bolts that have been frozen or rusted in place.





SURVIVOR® ATV SERIES

PORTABLE STEEL DECK TRUCK SCALES



Upgrade Your Truck Scale with iQUBE²®

Rice Lake Weighing Systems' iQUBE² digital diagnostic junction box performs the same diagnostic functions as a scale that uses a digital load cell, but at a more affordable price and with more benefits.



This advanced junction box runs diagnostics for failed cells, weighing errors and system health. Additional benefits include being less susceptible to damage from vibration and moisture, sending email alerts to a designated service provider and using cell emulation to ensure your scale can weigh temporarily even after a load cell failure. Also, because each load cell operates independently, this improves the signal-to-noise ratio.

Adding the iQUBE² saves time finding the failed load cell and delivers enhanced diagnostics at a fraction of the cost of a digital load cell.

ATV STANDARD FEATURES

- Bolt-on backfill ramp bulkheads, removeable for concrete approaches
- End cleanout
- Pre-suspended load cells and mounts
- Open bottom design
- Longitudinal I-beam construction
- Integrated load cell pockets
- Boltless, top access to load cells and junction box
- Self-seating, P-bracket connection between modules
- G-Force mount assemblies return the scale to center without check rods or bumper bolts
- Cables completely encased in rodent-proof conduit
- Thorough finishing process includes cleaning of steel before and after welding, followed by either high solids urethane liquid paint or durable powder paint

ATV SPECIFICATIONS

LOAD CELLS:	Rice Lake RL75058-LP alloy steel, Double-ended beam 75,000 lb capacity
MOUNT ASSEMBLIES:	G-force self-checking mounting system
JUNCTION BOX:	JB8SPT Tuffseal® polycarbonate NEMA Type 4X enclosure with overlapping solid cover, stainless steel screws
PLATFORM SIZE:	10 to 90 ft length 10 ft, 11 ft, 12 ft width (NTEP Certified up to 16.5 ft) (custom length and width available)
SCALE PROFILE:	20 in (custom profiles available)
DECK THICKNESS:	5/16 in (other sizes available)
FULL SCALE CAPACITY:	Up to 270,000 lb
CONCENTRATED LOAD CAPACITY (CLC):	100,000 lb
DUAL TANDEM AXLE (DTA):	100,000 lb
WARRANTY:	Weighbridge: 5-year or 12-year limited Parts: 5-year or 12-year limited, including lightning protection
APPROVALS:	NTEP CC 02-003, Class III Measurement Canada AM-5413

ATV OPTIONS

- 20 lb division
- 20 ft steel ramps
- 10 ft steel approaches
- 50 lb division/400,000 lb capacity
- 1 inch deck plate upgrade
- Schedule 40 guiderails
- Schedule 80 guiderails
- Stainless steel load cells
- Dolly down plates
- Galvanized weighbridge and suspension hardware
- Corrosion-resistant coating
- 3/8 inch runners
- Catwalks
- Landing with stairs
- iQUBE²® digital diagnostic junction box bundles

SALES AND TECHNICAL ASSISTANCE

RICE LAKE
WEIGHING SYSTEMS

HEADQUARTERS

230 West Coleman Street
Rice Lake, Wisconsin 54868 - USA
Tel: (715) 234 9171 | Fax: (715) 234 6967
www.ricelake.com