

# SURVIVOR<sup>®</sup>

**M** SERIES

LEVERTRONIC  
SCALES



**TOUGHEST  
TRUCK SCALES  
ON EARTH.<sup>®</sup>**

**RICE LAKE<sup>®</sup>**  
WEIGHING SYSTEMS

To be the best by every measure<sup>®</sup>

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# SURVIVOR® M SERIES

## SURVIVOR® ATV-M

*The SURVIVOR ATV-M is the ideal solution where standard pit scale designs are not practical.*

*The self-contained design can be used as a permanent or portable scale, and installed above ground or in a pit. The suspension assembly allows weighbridge oscillation, while protecting against shock-loading damage and side-loading inaccuracy. A durable bumper system is built into each module corner, eliminating the need for check rods.*

- Modules from 10' to 40' long
- Standard widths from 10' to 12'
- Coped beams for reduced height
- Lifting eyes
- Deck manhole for easy access



## SURVIVOR® PT-M

*The SURVIVOR PT-M design is a heavy-duty pit scale with a structural steel pipe lever system.*

*The in-ground installation is ideal for locations with limited space or access.*

*The scale is recessed into a concrete pit with the deck at ground level, eliminating the need for elevated approaches and safety guide rails. Available for a concrete or with a steel deck, most SURVIVOR PT-M scales can be modified to fit in existing pits, saving the expense of a new foundation.*

*Also may be installed above ground for special site applications.*

- A cost effective investment for a long term, permanent installation
- Highest accuracy with lowest maintenance
- Ground level deck provides safe access
- Ideal solution for retrofit applications
- Capacities up to 200 tons
- Deck manhole for easy access



## Renowned for reliability— Rice Lake's Legendary Levertronic Vehicle Scales

**SURVIVOR® M Series Scales combine ground-breaking ease of customization with the proven durability that only mechanical scales deliver. In a market crowded with scales built to compete on price alone, SURVIVOR M Series Scales are designed and built to compete by value and performance under the most extreme conditions.**

### Long service, low-maintenance, less cost

Each fabricated steel lever is constructed of heavy-duty structural pipe to reduce the risk of shock loading damage. The precision-machined load and fulcrum pivots and bearings are hardened to withstand wear and provide exact load points for accurate weighing over the full operating range of the scale. SURVIVOR is the toughest truck scale on Earth.

Rice Lake has crossed a workhorse with a race car—harnessing the reliability of a mechanical scale lever system to electronic peripheral equipment. Every scale is produced under the strict ISO 9001 guidelines. Every scale lever is fabricated from heavy structural steel and assembled on precision fixtures to ensure strict fabrication tolerances. Pivots and bearings are hardened to Rockwell C 58-62 specifications and are precision ground to a tolerance of .0001".

Before fabrication, all structural steel is abrasive-blast cleaned to remove mill scale and surface imperfections. Before painting, another cleaning process removes foreign materials and residue. A protective asphalt emulsion coating is applied to the underside of truck scale weighbridges that ship factory assembled. Other surfaces receive a coat of high performance primer applied in 2 to 3.5 mils WFT, followed by a coat of our famous Rice Lake red Alkyd Enamel or high solids Urethane finish paint in 2.5 to 4.2 mils WFT.

### Scale performance is based on solid foundation

Matching the correct foundation to specific soil conditions is critical to scale performance. Factory-trained specialists and authorized distributors will assist in specifying the proper type for your installation site. Professional engineer-certified prints are available.

### Built Tough, Start to Finish...

- 1** Abrasive blast cleaning to remove mill scale and surface imperfections
- 2** Cleaning process to remove foreign materials and residue before painting
- 3** Protective asphalt emulsion coating applied underside of scale
- 4** High performance primer is applied to visible surfaces in 2-to 3.5 mils WFT coat
- 5** Specialized Alkyd Enamel or high solids Urethane paint applied over primer in 2.5-to 4.2 mils WFT finish coat



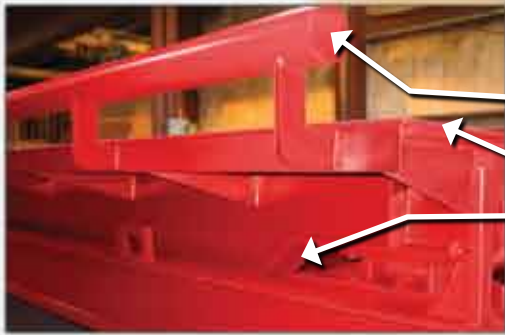
# TOUGHEST TRUCK SCALES ON EARTH™

## Standard PT-M Series Specifications/Dimensions for concrete deck (steel deck optional):

\*10 foot standard width. 11ft., and 12 ft. standard widths also available. Other scale sizes and capacities available upon request.

Platform Size	Full Scale Capacity	Levers	Tandem Axle Rate	Min. Main Beams*	Std. Cross Beams*	Est. Ship Weight*
40 ft x 10 ft	50 tons	3	50,000lb	18" WF	7" CH	13,500lb
50 ft x 10 ft	60 tons	4	60,000lb	18" WF	7" CH	16,900lb
60 ft x 10 ft	100 tons	4	60,000lb	18" WF	7" CH	20,700lb
70 ft x 10 ft	100 tons	5	60,000lb	18" WF	7" CH	25,400lb
80 ft x 10 ft	100 tons	5	65,000lb	18" WF	7" CH	28,000lb

Pit scales are designed to be installed in industry-standard pit sizes. Example: If referencing a 70' x 10' scale, this is the actual pit opening size. Finished scale deck will be approximately 69'-10.5" x 9'-10.5". PT-M scales include weighbridge steel (specify bolt-together or factory welded option); lever system; assembly bolts; deck channel; deck rebar; foundation bolts; manhole ring(s) and cover(s). Does not include optional deck tin, foundation rebar, or S-beam load cell stand. NOTE: Materials are subject to change based on availability and pricing.



- Optional heavy duty pipe rails provide a visual guide to help drivers stay centered on the scale deck
- 3/8" diamond checked top plate provides extra deck strength
- Main beams are coped over lever system to provide lower profile scale height, saving installation space and approach cost

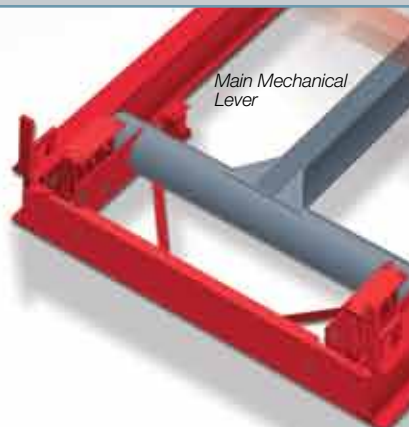
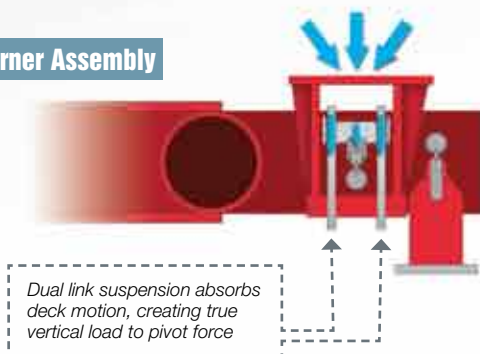
## Standard ATV-M Series Specifications/Dimensions with steel deck:

\*10 foot standard width. 11ft., and 12 ft. standard widths also available. Other scale sizes and capacities available upon request.

Platform Size	Full Scale Capacity	Levers	Modules	Tandem Axle Rate	Min. Main Beams*	Std. Cross Beams*	Deck Plate	Est. Ship Weight*
30 ft x 10 ft	50 tons	2	1	70,000 lb	18" WF	6" WF	3/8"	16,600lb
35 ft x 10 ft	75 tons	3	1	70,000 lb	18" WF	6" WF	3/8"	20,000lb
40 ft x 10 ft	75 tons	3	1	70,000 lb	18" WF	6" WF	3/8"	22,300lb
50 ft x 10 ft	100 tons	4	2	70,000 lb	18" WF	6" WF	3/8"	28,500lb
60 ft x 10 ft	100 tons	4	2	70,000 lb	18" WF	6" WF	3/8"	33,750lb
70 ft x 10 ft	100 tons	5	2	60,000 lb	18" WF	6" WF	3/8"	40,000lb
70 ft x 10 ft	100 tons	6	2	70,000 lb	18" WF	6" WF	3/8"	40,500lb
80 ft x 10 ft	100 tons	6	2	70,000 lb	18" WF	6" WF	3/8"	45,100lb

Standard Height: 30". Available with inboard or outboard transverse lever. ATV-M scales include built-in manhole access in each module. NOTE: Materials are subject to change based on availability and pricing.

## Corner Assembly



Cut-away shown for illustration purposes only.

## Complete your scale with the most reliable accessories

### The Toughest Scales on Earth<sup>™</sup> deserve the best

- 1. Power-Free Kit** When electrical power is unavailable, this Power-Free Kit is the ideal solution. With a solar panel for power generation, Rice Lake's 590 battery-powered digital HMI and an S-beam load cell, this kit gives you the power you need to operate with the utmost efficiency.
- 2. Remote Displays** Clearly visible—even in direct sunlight, SURVIVOR LaserLight and M-Series messaging remote display features a super-bright LED display and non-glare filtered lens. Unique IntelliBright<sup>™</sup> feature uses a photo sensor to read ambient light and automatically adjust display intensity to optimize power usage. The new 4" LaserLight with stop and go lights increases truck throughput. The 4" and 6" LaserLight and 8 and 12-character M-Series models are available with visors.
- 3. OnTrak<sup>™</sup> Data Management Software** OnTrak is easy to use and network capable with full reporting, accounting, and invoicing features that connect your scale to your office computer and accounting system.
- 4. Traffic Signals** Rice Lake traffic signals have been tested to over 80 MPH wind loading on a single-point attachment. Corrosion-resistant PVC coatings and stainless steel hardware make the unit virtually impervious to weathering.
- 5. Ticket and Continuous Fanfold Printers** Our high-speed, high-quality printers feature 180 character-per-second printing and double-strike power to print through five-part multi-copy forms.



## Inquire about our full line of vehicle scales tailored to the specific needs of your application.



**SURVIVOR<sup>®</sup> SR**  
Extreme-duty, low profile concrete or steel deck siderail scales



**SURVIVOR<sup>®</sup> OTR**  
Top access, low profile concrete or steel deck scales



**SURVIVOR<sup>®</sup> PT**  
Pit-type concrete or steel deck scales



**SURVIVOR<sup>®</sup> ATV**  
Heavy- and super-duty top access or siderail

## Reasons to buy a SURVIVOR M Series Levertronic Truck Scale...

**Dependable** - Perfect for customers who demand reliability, accuracy, and confidence in a truck weighing system. Thousands are currently installed throughout the United States.

**Durable** - Designed to provide decades of dependable operation with low maintenance costs and less downtime.

**Performance** - Ideal for installation in areas of high lightning occurrences and remote areas where power outages are frequent or electrical power is unavailable.

**Craftsmanship** - The mechanical lever system is precision-built from heavy-duty structural steel to provide higher strength and less stress breaks than competitive components by professionals with over six decades of combined experience and a history of proven excellence.

**Affordable** - Easily and inexpensively replace older, obsolete mechanical scales with little to no foundation modifications.

**Flexible** - Available in a wide range of platform widths and lengths to accommodate most weighing applications.

Your Rice Lake Weighing Systems distributor is:

**RICE LAKE<sup>®</sup>**  
WEIGHING SYSTEMS  
To be the best by every measure<sup>®</sup>

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Specifications subject to change without notice