

# SURVIVOR<sup>®</sup> M SERIES

## Complete your scale with the highest quality accessories

The Toughest Scales on Earth™ deserve the best... your Rice Lake Weighing Systems distributor can help you specify the system that's right for you.

- 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 utmost efficiency.
- 2. Remote and Messaging Displays** - Featuring a super-bright LED display and a non-glare filtered lens, the SURVIVOR LaserLight remote display and M-Series messaging remote display is clearly visible—even in direct sunlight. The unique IntelliBright™ feature uses a photo sensor to read ambient light to automatically adjust the display's intensity between day and night settings to optimize power usage. Increase truck throughput with the new 4" LaserLight with stop and go lights. The 4" and 6" LaserLight and 8 and 12-character M-Series models are available with visors.
- 3. TransAct<sup>®</sup> Plus Data Management Software** - TransAct 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 include performance features like 180 character-per-second printing and double-strike power to handle up to five-part multi-copy forms.
- 6. Guiderails (Recommended option)** - Heavy-duty rail system offers an attractive visual guide to help drivers stay centered on the scale. The rails are slightly offset to allow full use of the deck surface and minimize damage to truck wheels if accidental contact is made.



## 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.

# SURVIVOR<sup>®</sup>

## M SERIES

LEVERTRONIC SCALES



**TOUGHEST  
SCALES  
ON EARTH.™**

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

Commitment Beyond Measurement<sup>®</sup>

[www.ricelake.com](http://www.ricelake.com)

Your Rice Lake Weighing Systems distributor is:



Commitment Beyond Measurement<sup>®</sup>

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### SURVIVOR<sup>®</sup> 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.



Fabricated from heavy structural steel, this levertronic vehicle scale is built for maximum strength, durability and long life. The suspension assembly allows weighbridge oscillation, while protecting against shock-loading damage and side-loading inaccuracies. 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<sup>®</sup> 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 with a concrete or steel deck, most SURVIVOR PT-M scales can be modified to fit in existing pits, saving the cost of a new foundation.



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

## SURVIVOR M Series Levertronic Scales.

### Industry-leading features, legendary reliability.

**SURVIVOR M Series Levertronic Scales combine innovative features with time-proven durability that only a mechanical scale can deliver. In a market crowded with scales manufactured to compete on price alone, SURVIVOR M Series Scales are built from the ground up for lasting performance under the most extreme conditions.**

#### High-performance, low-maintenance mechanical lever design

For overall scale performance, the lever system on every SURVIVOR mechanical scale is unsurpassed in reliability and life expectancy, giving owners an advantage to the total cost of ownership. 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.

The extraordinary design of these levertronic truck scales provides the reliability of a time-proven mechanical scale lever system coupled with state-of-the-art electronic peripheral equipment. SURVIVOR M Series scales are available in a standard pit design as well as the popular self-contained portable scale.

#### The Best Built Mechanical Truck Scale Available. Period.

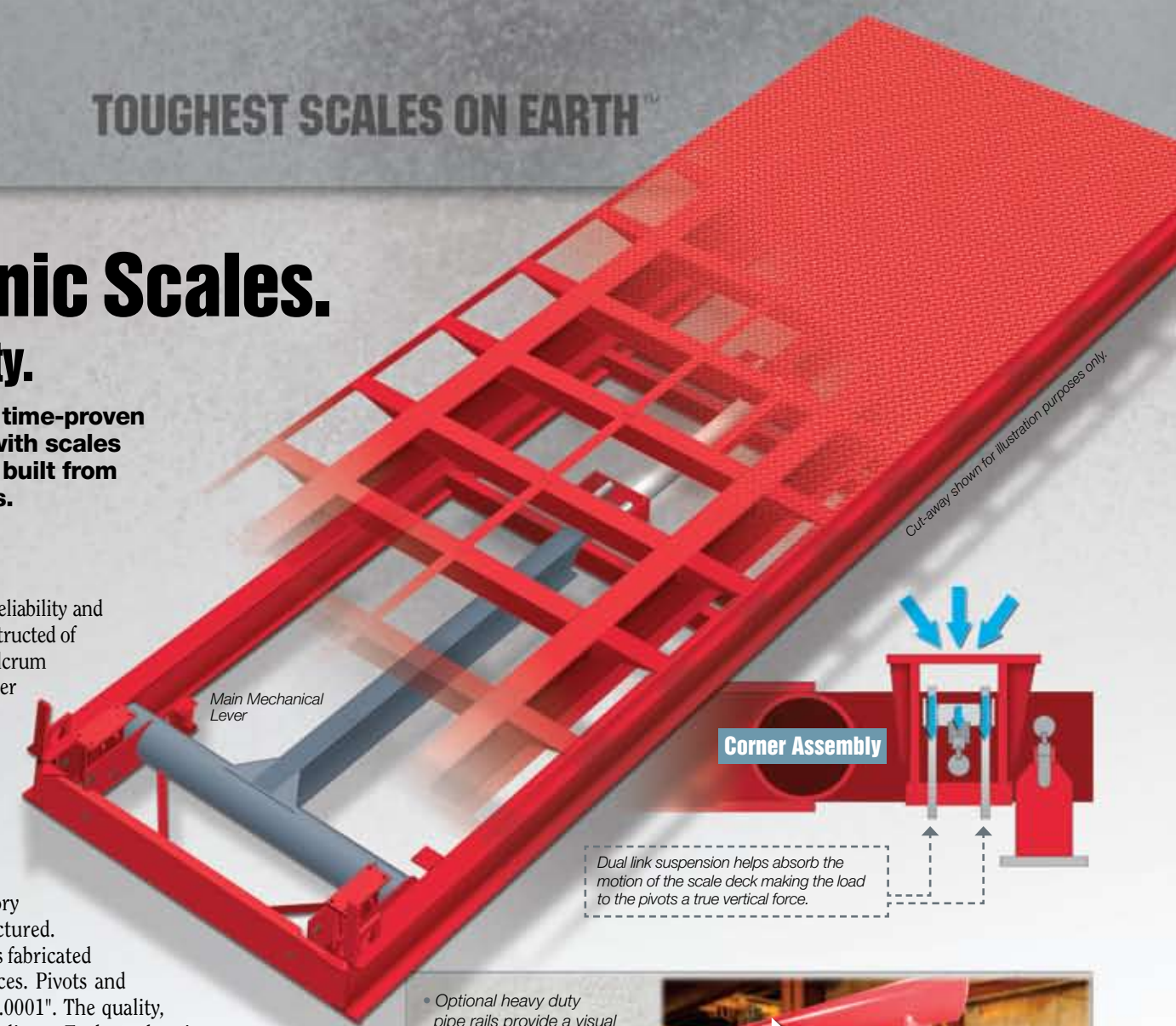
All SURVIVOR M Series Levertronic Trucks Scales are manufactured at a Rice Lake facility where a history of high-quality, state-of-the-art mechanical and electronic scale systems have been skillfully manufactured. All scale production is conducted in-house under exacting quality control standards. Every 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". The quality, precision and craftsmanship that go into every M Series scale is an art that few manufacturers can duplicate. Each product is produced under the precise guidelines outlined by ISO 9001 standards. Prior to fabrication, structural steel is shot-blasted to remove any surface imperfections and excess mill scale. After assembly, SURVIVOR M Series scales are painted with a high-performance epoxy primer and an exterior surface finish of a specialized hard-coat alkyd enamel.

#### Accuracy Begins with the Proper Foundation

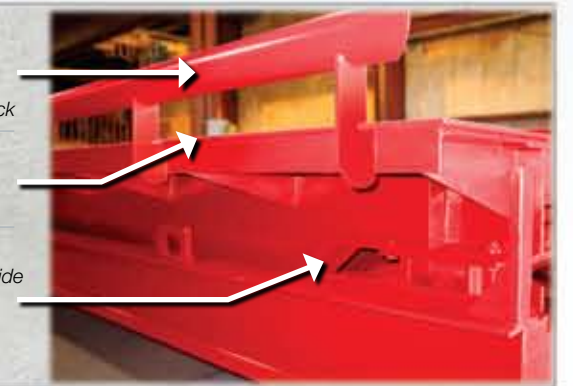
Matching the correct foundation to specific soil conditions is critical to scale performance. Factory trained specialists and authorized distributors will assist in specifying the proper type for your installation site. Professional engineer-certified prints are available to further ensure a quality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

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

- 1 Shot-blast cleaning removes mill scale and surface imperfections
- 2 High-performance epoxy primer is applied to the steel
- 3 Specialized hard-coat alkyd enamel completes finish



- Optional heavy duty pipe rails provide a visual guide to help drivers stay centered on the scale deck
- 3/8" diamond checkered 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 (for steel deck design):

\*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*	Est. Ship Weight*
30 ft x 10 ft	50 tons	2	1	70,000 lb	18" WF	6" WF	16,600lb
35 ft x 10 ft	75 tons	3	1	70,000 lb	18" WF	6" WF	20,000lb
40 ft x 10 ft	75 tons	3	1	70,000 lb	18" WF	6" WF	22,300lb
50 ft x 10 ft	100 tons	4	2	70,000 lb	18" WF	6" WF	28,500lb
60 ft x 10 ft	100 tons	4	2	70,000 lb	18" WF	6" WF	33,750lb
70 ft x 10 ft	100 tons	5	2	60,000 lb	18" WF	6" WF	40,000lb
70 ft x 10 ft	100 tons	6	2	70,000 lb	18" WF	6" WF	40,500lb
80 ft x 10 ft	100 tons	6	2	70,000 lb	18" WF	6" WF	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.

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

\*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.