



# **SURVIVOR<sup>®</sup>**

**LOW PROFILE** RAIL SCALE

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

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# SURVIVOR<sup>®</sup> LOW PROFILE RAILSACLE



## SURVIVOR<sup>®</sup> PL Low Profile, Quick Installation.

### SURVIVOR<sup>®</sup> PL

*The SURVIVOR<sup>®</sup> PL is a low-profile modular railroad track scale. This heavy-duty workhorse is manufactured with more steel content than competitive models to provide decades of accurate rail car weighing. With the SURVIVOR PL, both full-draft and two-draft weighing is available.*



The Survivor PL Series low profile design eliminates the expense and maintenance of a deep pit. Eliminating the excavation of a deep pit means construction costs are lower, installation time is shorter, and there are no confined spaces making maintenance easier. The PL Series is the choice of a wide range of industries including scrap, recycling, chemical, food, agriculture, construction materials, and mining.

The Survivor PL modular steel deck allows greater flexibility to weigh a wide range of rail car sizes. Hardened steel conduit along with aircraft quality flexible conduit provide lasting protection for all cables. The PL comes in platform sizes of Single 12'6"; 15'; 18', 25', Single/Double 12'6"/25', Double/Double 25'/25'. Top side access to compression load cells and bridge makes maintenance fast work. (see chart for common configurations)

Twenty-five foot approaches are required on each end of the scale, along with an intermediate section in between the two platforms. The intermediate section measurement is determined by the lengths of the two platforms and the longest and shortest rail cars to be weighed.

Every SURVIVOR Rail Scale is made on-site at Rice Lake Weighing Systems with great pride. All weighbridge components are shot-blasted, and cleaned of debris, grease and oil. After assembly, each scale is painted with a high-performance epoxy primer, followed by a finish of hard-coat, high-solids urethane primer and paint. That is why they earned the name SURVIVOR.





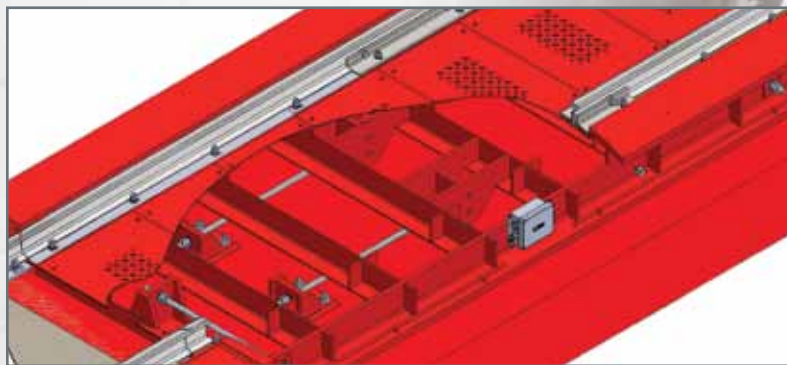
# TOUGHEST SCALES ON EARTH

## SURVIVOR® PL Specifications

- Gross capacity—85 tons to 170 tons
- Sectional capacity—85 tons
- Module sizes—12'6", 15', 18', 25' available
- Platform width—7'8", 18.5" low profile design
- Bolted checkered steel top plate
- Designed for 115lb and 132lb rail
- Longitudinal and lateral checking assemblies with top access
- 100K CSP1-100K load cells
- Lightning and surge suppression kit
- Rail clips for deck
- Anti-creep angles
- Low profile above-grade installation
- Load cells accessible from sides of scale
- Copper transient bypass cables
- In-bridge conduit runs
- NTEP Certified, CC#02-087, 98-009
- Accuracy is 0.1% in accordance with NIST, AAR and AREMA requirements. Accuracy is based on rail cars uncoupled at both ends.

## SURVIVOR® PL Options and Accessories

- Approach rail base plates, rail clips, nuts, and washers
- Anchor bolts for approach rail plates
- Custom sizes available
- Hardware for intermediate section
- Anchor bolts for load cell and check stands



## SURVIVOR® PL Series Platform Sizes

*Custom sizes available*

Model	Configuration	Platform Size	Capacity
PL-12-85	Single	12'6"	85 tons
PL-15-85	Single	15'	85 tons
PL-18-85	Single	18'	85 tons
PL-25-85	Single	25'	85 tons
PL-12-12-170	Single/Single	12'6" + 12'6"	170 tons
PL-12-15-170	Single/Single	12'6" + 15'	170 tons
PL-12-18-170	Single/Single	12'6" + 18'	170 tons
PL-12-25-170	Single/Double	12'6" + 25'0"	170 tons
PL-15-15-170	Single/Single	15' + 15'	170 tons
PL-15-18-170	Single/Single	15' + 18'	170 tons
PL-18-18-170	Single/Single	18' + 18'	170 tons
PL-25-25-170	Double/Double	25'0" 25'0"	170 tons



# SURVIVOR<sup>®</sup> LOW PROFILE RAIL SCALE

## Complete your scale with the highest quality accessories.

The toughest scales on Earth deserve the best...

- 1. HMI Digital Weight Indicators** We offer a complete line of weight indicators, including models that can store up to 1,000 truck ID numbers and truck tares. They're available in standard or NEMA stainless steel enclosures.
- 2. iQUBE<sup>2</sup> Intelligent Junction Box** Featuring the latest analog to digital technology for continuous scale monitoring and advanced diagnostics, iQUBE<sup>2</sup> provides a value-added solution for multi-cell scale systems. A single-point ground system and fiber optic connections ensure the instrumentation is isolated from transient spikes in voltage.
- 3. Ticket and Continuous Fanfold Printers** Our high-speed, high-quality printers include performance features like 180 characters-per-second printing and double-strike power to handle up to five-part multi-copy forms.
- 4. 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.
- 5. Traffic Signals** Rice Lake traffic signals have been tested to more than 80 MPH wind conditions on a single-point attachment. Corrosion-resistant PVC coatings and stainless steel hardware make the unit fully resistant to weathering.
- 6. Remote Displays** Featuring a super-bright LED display and a non-glare filtered lens, the SURVIVOR<sup>®</sup> LaserLight<sup>™</sup> remote display and M-Series messaging remote display is clearly visible—even in direct sunlight. The unique IntelliBright<sup>™</sup> 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.



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



**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 portables

## Reasons to buy a SURVIVOR RAIL Series Railroad Scale

**Selection** Choose from the SURVIVOR PL low profile, pitless modular design or the SURVIVOR RT pit-type combination rail/truck scale. Both designs possess Rice Lake's industry-leading features and legendary durability.

**Dependable** Perfect for customers who demand reliability, accuracy, and confidence in a rail scale system.

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

**Performance** Ideal for use in heavy traffic areas where high-accuracy, Legal for Trade weighing is required.

**Craftsmanship** Best-in-class weighbridge design creates a rugged, heavy duty weighing system that exceeds AREMA and Cooper E-80 design specifications.

**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