

SURVIVOR[®]

PT SERIES

PIT-TYPE CONCRETE OR
STEEL DECK SCALES



PSS INC. **PRAIRIE**
SCALE SYSTEMS, INC.

SURVIVOR[®] PT SERIES



NTEP-certified widths to 14 feet!

SURVIVOR[®] PT Pit-Type Concrete or Steel Deck Truck Scales

The ultimate in durability...

- Up to 200,000 lb gross weight capacity
- 90,000 lb concentrated load capacity (CLC)
- 90,000 lb dual tandem axle rating (DTA)
- Span deflection ratio 1:3100 for legal highway loads
- 75,000 lb capacity load cells and mounts
- Concrete deck built tough with rigid main I-beams* and 8 inch structural steel cross-members
- Steel deck reinforced with support beams that provide a massive structure and prevent "dimpling" the steel top under repetitive loading

...and performance.

- Faster, more accurate weighments and less wear with patented G-FORCE[™] mounting system
- NTEP certified widths to 14 feet offer faster processing of trucks and added safety for drivers
- Eliminates approach ramps in areas where space is limited
- Manufactured in accordance with ISO 9001 guidelines

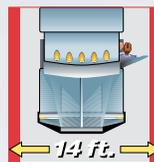
*States with 48" pit clean-out requirements must specify 18" main beams at time of order. Concrete, deck rebar, and deck sheeting not included in package.

Heavy-duty steel manhole frames and covers allow easy access for below-deck maintenance.

More for your investment from top to bottom

SURVIVOR Series scales combine industry-leading electronic features with the rugged dependability of mechanical scales. In a market crowded with scales manufactured to compete on price alone, SURVIVOR scales are built from the ground up for lasting performance under the toughest conditions. When you choose a SURVIVOR, you're getting the best built, best backed vehicle scale on earth. Guaranteed.

Designed for installation where space is limited, the SURVIVOR PT Series has earned a reputation for delivering quality performance in pit-type vehicle scale applications. All models begin with a design tested in extreme loading conditions, and are then constructed with the finest quality materials and workmanship. We offer several standard sizes to satisfy most requirements, but we also understand that pit-type installations often involve replacing an existing scale. Our staff of professional engineers specializes in custom-built models, including multi-platform scales that conform to the exact requirements of your existing pit. Our ability to tailor the scale design to your site means a quicker installation, less overall disruption to your facility, and more savings.



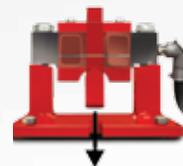
NTEP Certified

All SURVIVOR PT concrete and steel deck models up to 14 feet wide are NTEP Certified Legal-for-Trade. CC# 98-011A1



G-Force[™] – Patented self-checking mounting system

Exclusive design sets an entirely new standard for performance, efficiency and durability. The G-Force mount system eliminates excess movement and scale wear by using 100% of the gravity force from the loading action against itself—instantaneously returning the scale to dead center without check rods or bumper bolts. The result? Faster processing, consistent accuracy and less maintenance.



Check with federal, state and local authorities for vehicle scale guidelines and regulations.

PT Series weighbridges are warranted against defects in materials and workmanship for 10 years from delivery.

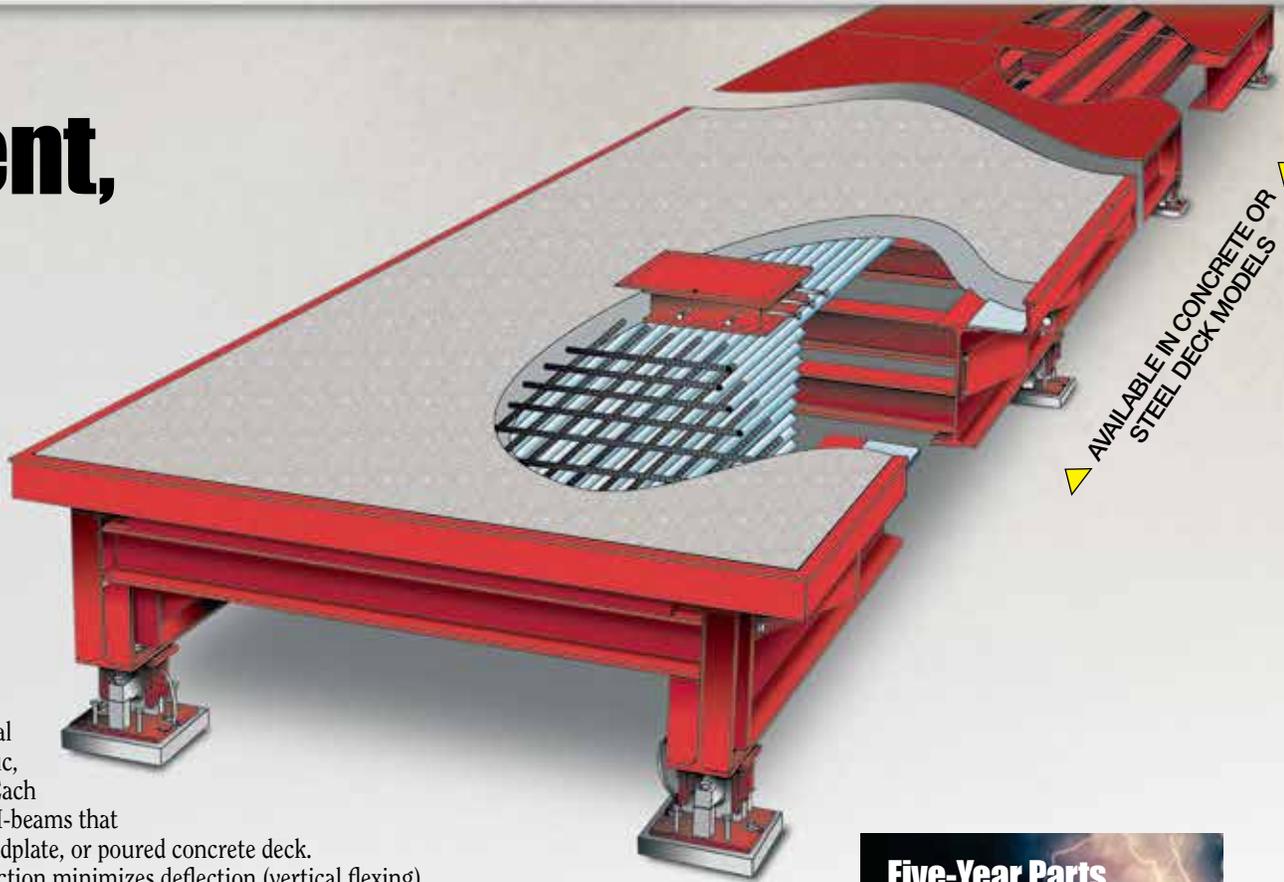
TOUGHEST TRUCK SCALES ON EARTH

Investment, Dom.



The PT Series is rigidly constructed for exceptional performance in high-traffic, heavy-duty applications. Each model boasts wide flange I-beams that support a sturdy steel treadplate, or poured concrete deck.

This heavyweight construction minimizes deflection (vertical flexing), a major factor in determining the life of the weighbridge. Our patented load cell suspension design, combined with an industry-leading 90,000 lb concentrated load capacity (CLC), means you'll have consistent, accurate weighments, even in the harshest industrial environments. We're so confident the PT Series will exceed your expectations, we back it with an industry-leading ten-year guarantee.



AVAILABLE IN CONCRETE OR STEEL DECK MODELS

Accuracy begins with the proper foundation

Matching the correct foundation to specific soil conditions is critical to scale performance. Factory 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.



Five-Year Parts Warranty and Lightning Protection

To ensure worry-free operation, we've included a Five-year Parts Warranty that covers load cells, junction boxes, and suspension systems, plus a lightning protection package.

Built Tough, Start to Finish

Exclusive five-step process for maximum corrosion protection

- 1 Centrifugal abrasive blast cleaning removes mill scale and surface imperfections.
- 2 A thorough cleaning process prepares deck for maximum adhesion of coating applications.
- 3 High-performance epoxy primer is applied to the steel.
- 4 Specialized hard-coat alkyd enamel completes finish.
- 5 Asphalt emulsion undercoating applied to all non-visible steel.

Maximize scale performance and minimize downtime

Add an iQUBE² to your application

With the optional iQUBE² digital diagnostic junction box, continuous monitoring assures scale accuracy so your quality and profit stay on target. Featuring the latest analog-to-digital technology, iQUBE² easily integrates with your new or existing equipment to deliver advanced scale performance.

Through Rice Lake's exclusive Cell-Emulator™ feature, iQUBE² compensates for an improperly functioning load cell to keep your scale up and running. The exclusive TuffSeal™ enclosure design seals out moisture even in harsh environments.



When paired with Rice Lake's 920i HMI controller or Virtui (Windows® software), diagnostics are taken a step further. The display of the 920i will prompt when a potential problem is detected and email the findings to your service provider.

SURVIVOR[®] PT SERIES

Complete your scale with the highest quality accessories.

- 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. Available in standard or NEMA stainless steel enclosures.
- iQUBE². Intelligent Junction Box** Featuring the latest analog-to-digital technology for continuous scale monitoring and advanced diagnostics, iQUBE² 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.
- 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 multicopy forms.
- OnTrak[™] 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.
- Automated Ticketing Kiosk** Rice Lake has developed the Automated Ticketing Suite kiosk system for truck identification, load assignment and weighing, and ticketing for concrete, aggregate and asphalt plant operations. With this system, plant managers can optimize the flow of trucks and materials and increase efficiencies throughout their operation.
- Remote 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.
- 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.



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



SURVIVOR[®] SR
Extreme-duty, low profile concrete or steel deck siderail scales



SURVIVOR[®] OTR
Top access, low profile concrete or steel deck scales



SURVIVOR[®] ATV
Heavy- and super-duty top access portables

PT Series Specifications/Dimensions				
10, 11, 12 ft widths standard.				
Other scale sizes and configurations available upon request.				
Length	Full Scale Capacity	Modules	Load Cells	CLC Rating
10 ft	60 tons	1	4	90,000 lb
20 ft	60 tons	1	4	90,000 lb
25 ft	60 tons	1	4	90,000 lb
30 ft	60 tons	1	4	90,000 lb
40 ft	100 tons	2	6	90,000 lb
50 ft	100 tons	2	6	90,000 lb
60 ft	100 tons	3	8	90,000 lb
70 ft	100 tons	3	8	90,000 lb
80 ft	100 tons	4	10	90,000 lb
90 ft	100 tons	4	10	90,000 lb
100 ft	100 tons	5	12	90,000 lb
110 ft	100 tons	5	12	90,000 lb
120 ft	100 tons	5	12	90,000 lb

Pit scales are designed to fit inside standard-sized pits. Example: 70' x 10' scale is actually 69' 10 1/2" L x 9' 10 1/2" W.

Custom Designs Available

We manufacture and stock a wide selection of scales in the most popular sizes and capacities. We also specialize in custom solutions including unique dimensions and profiles, existing pit and foundation matching, extreme weight capacities, dump through modules, and more.

Call us at **800-472-6703** to discuss your requirements with a member of our Heavy Capacity Sales Group and to locate an authorized distributor in your region.

Visit us at www.ricelake.com/truckscales for complete specifications and to see the entire Rice Lake Weighing Systems' vehicle scale line.

We can assist with all your weighing needs!



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