

**SURVIVOR<sup>®</sup>**

# **PT** SERIES

PIT-TYPE CONCRETE DECK SCALES



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

800-472-6703

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

# Reliable SURVIVOR<sup>®</sup> Performance

SURVIVOR PT Series pit-type truck scales are built with industry-leading features and rugged dependability for lasting performance in the toughest conditions.

The SURVIVOR PT Series offers reliable performance for installations with limited space by eliminating the need for a traditional approach. Custom sizes are available and SURVIVOR PT scales can be built to fit existing pit foundations for any application.

## Durable Construction

The SURVIVOR PT truck scale is constructed for dependability in high-traffic, heavy-duty applications. Wide flange I-beams and steel cross beams support an 8.5-inch, poured-concrete deck.

The durable construction minimizes deflection, lengthening the lifespan of the truck scale and allowing for a higher Concentrated Load Capacity (CLC). CLC is a rating that specifies the maximum load applied by a pair of axles the weighbridge is capable of supporting. The CLC rating for the SURVIVOR PT is 120,000 pounds, making it the most robust scale on the market.

PT Specifications and Dimensions				
Length	Full Scale Capacity	Modules	Load Cells	CLC Rating
10 FT	120,000 LB	1	4	120,000 LB
20 FT	120,000 LB	1	4	120,000 LB
25 FT	120,000 LB	1	4	120,000 LB
30 FT	120,000 LB	1	4	120,000 LB
40 FT	200,000 LB	2	6	120,000 LB
50 FT	200,000 LB	2	6	120,000 LB
60 FT	200,000 LB	3	8	120,000 LB
70 FT	200,000 LB	3	8	120,000 LB
80 FT	200,000 LB	4	10	120,000 LB
90 FT	200,000 LB	4	10	120,000 LB
100 FT	200,000 LB	5	12	120,000 LB
110 FT	200,000 LB	5	12	120,000 LB
120 FT	200,000 LB	6	14	120,000 LB

\*Standard widths are 10, 11 and 12 feet.

## Pit-access Load Cells

Each 75,000-pound capacity load cell and mount are located in the pit of the SURVIVOR PT. The load cells are spread 42 feet apart, meaning there are fewer modules and fewer load cells, resulting in reduced maintenance while still achieving the same length of a standard scale. Each SURVIVOR PT has one weighbridge manhole for pit access, though additional manholes can be added.

## Long-lasting Value

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

## SURVIVOR<sup>®</sup> PT SERIES

### DURABILITY

- Up to 200,000 lb gross weight capacity
- 120,000 lb Concentrated Load Capacity (CLC)
- 120,000 lb Dual Tandem Axle rating (DTA)
- 75,000 lb capacity load cells and mounts
- Concrete deck built tough with rigid main I-beams\* and 8-inch structural steel cross-members

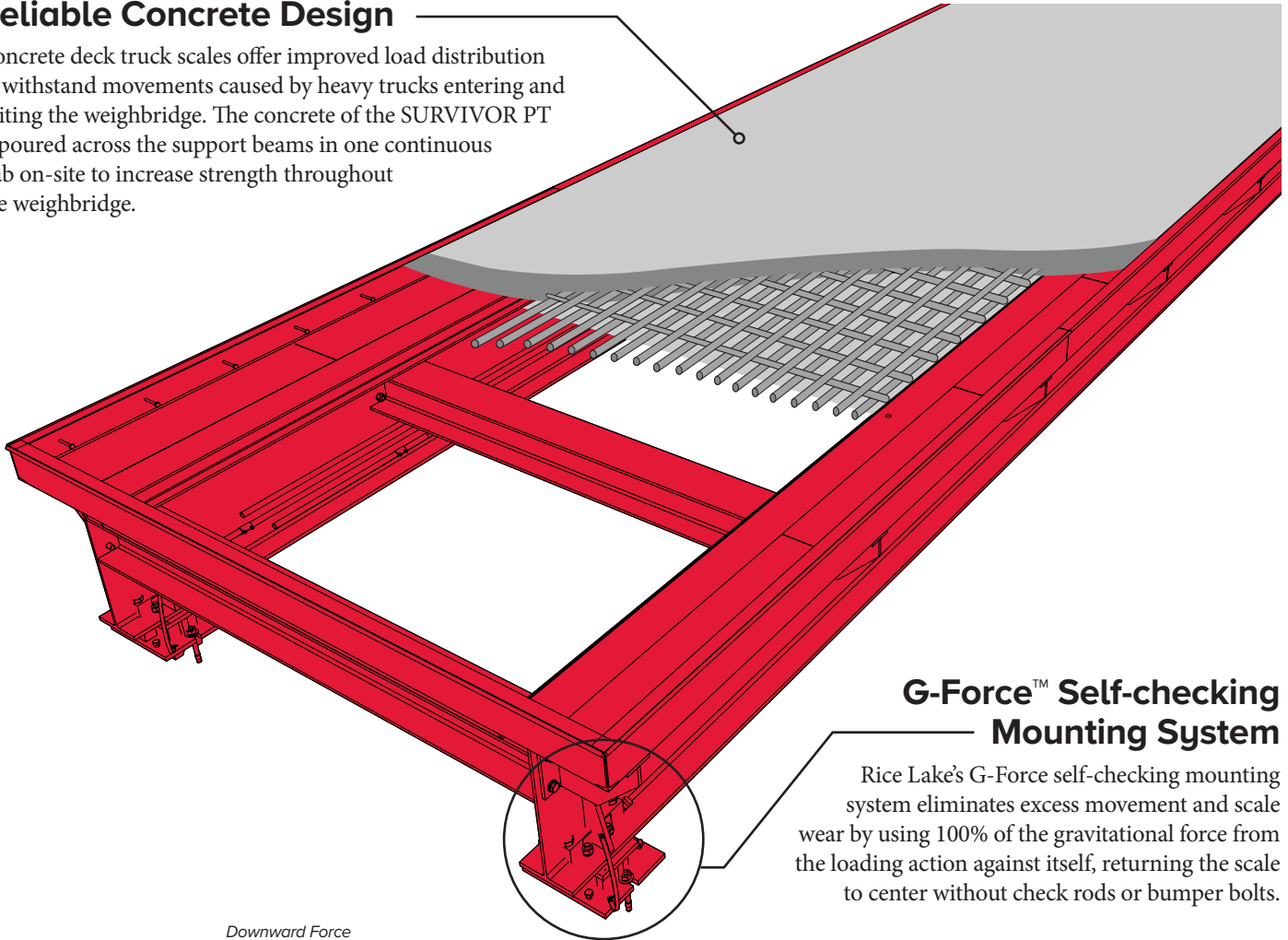
### PERFORMANCE

- 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

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

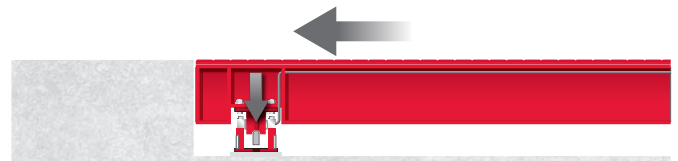
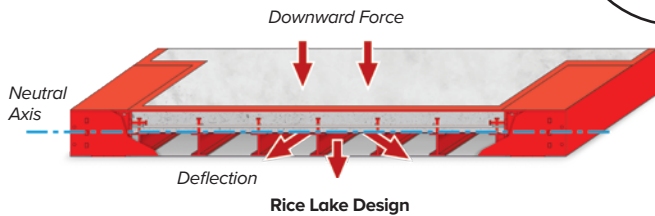
## Reliable Concrete Design

Concrete deck truck scales offer improved load distribution to withstand movements caused by heavy trucks entering and exiting the weighbridge. The concrete of the SURVIVOR PT is poured across the support beams in one continuous slab on-site to increase strength throughout the weighbridge.



## G-Force™ Self-checking Mounting System

Rice Lake's G-Force self-checking mounting system eliminates excess movement and scale wear by using 100% of the gravitational force from the loading action against itself, returning the scale to center without check rods or bumper bolts.

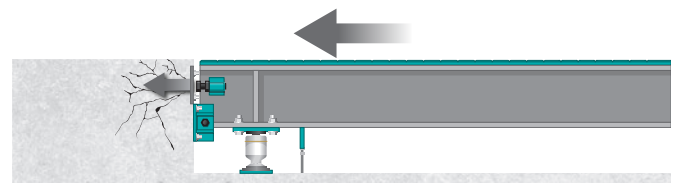
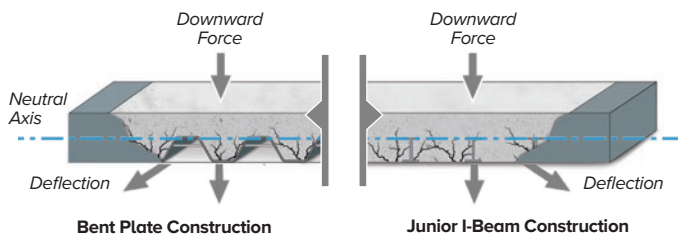


### G-Force Mounting System

The vehicle loading force is directed down to the load cell mounts, minimizing foundation wear.

## Competitor Designs

Many competitive weighbridges try to compensate for lighter steel or a lack of steel components by pouring a 9-, 10- or 12-inch concrete deck, often extending below the neutral axis. This can result in dangerous concrete bending, which can cause surface cracks after just a short period of use.



### Check Rod and Bumper Bolt System

The vehicle loading force is directed horizontally into the foundation, resulting in costly maintenance.

## Complete Your Truck Scale System

Build automation into truck scale operations with peripheral scale accessories, advancing safety and efficiency for heavy-capacity applications.

### Boost Process Efficiency and Safety

Ultimately allowing more trucks to move over the scale, automation improves traffic flow at any site and reduces data input errors. Trucks can be preassigned an identification number and routed through the weighing site with one or multiple traffic lanes, requiring fewer stops. Transfer weight data quickly with a variety of communication options, high-speed printing and customizable software. Rice Lake offers automated kiosks and truck scale accessories to promote safety for truck drivers and site employees. Automation gets drivers back on the road faster and safely—delivering more product and yielding better profits.

### Truck Scale Options

Rice Lake offers many additional options and accessories for truck scale solutions, including end clean-outs, grain dumps and multiple weighbridge manholes (one manhole comes standard).

### Digital Weight Indicators

Rice Lake offers a complete line of digital weight indicators and controllers to fit any truck scale application, many with advanced truck in/out programming.

#### 1. Barrier Gates

Gates electronically open after a designated action to help block access at the entry or exit of the scale.

#### 2. Automated Ticketing Kiosks

Ticketing kiosks allow drivers to check-in, weigh-in and -out, and print tickets automatically without exiting the cab of the truck.

#### 3. Traffic Signals

Traffic light kits professionally signal the universal red and green stop/go commands at a distance.

#### 4. Remote Displays

SURVIVOR LaserLight™ Series Stop/Go remote displays keep communication clear and systems moving smoothly.

