

SURVIVOR[®] **SR SERIES**

LOW PROFILE SIDERAIL TRUCK SCALE



RICE LAKE[®]
WEIGHING SYSTEMS

800-472-6703
www.ricelake.com

Proven SURVIVOR[®] Strength

The SURVIVOR SR Series siderail truck scale offers superior strength and longevity with design elements that outperform competitor brands. The SURVIVOR SR has a thick concrete deck supported by steel cross beams while strong guardrails made with I-beams help guide and keep the truck on the scale.

Durable Construction

The SURVIVOR SR consists of an 8-inch-thick concrete deck reinforced by double rebar, providing better distribution of weight and less deflection, ultimately leading to a longer life and a higher Concentrated Load Capacity (CLC).

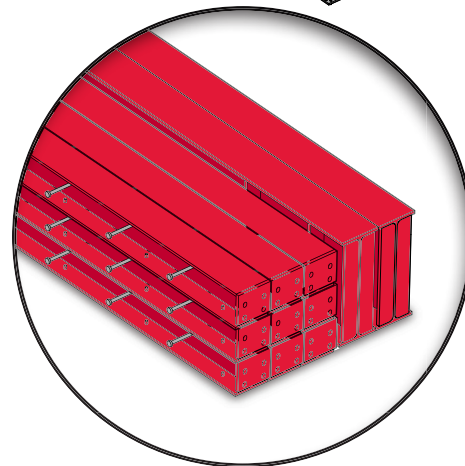
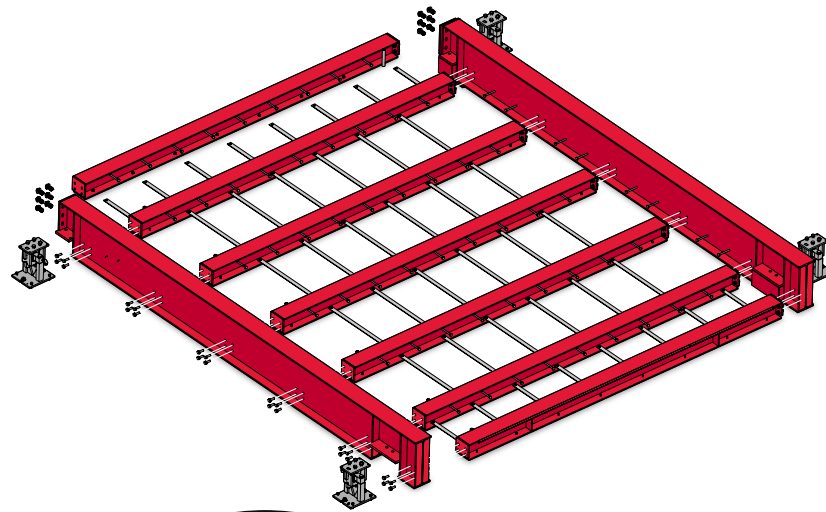
CLC is a rating that specifies the maximum load applied by a pair of axles the weighbridge is capable of supporting. The CLC rating for the SURVIVOR SR is 120,000 pounds, making it the most robust scale in the industry.

Long-lasting Value

Rice Lake Weighing Systems' warranty covers load cells, junction boxes and suspension systems to ensure worry-free operation. SURVIVOR SR 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.

On-site Completion with Unassembled Shipping

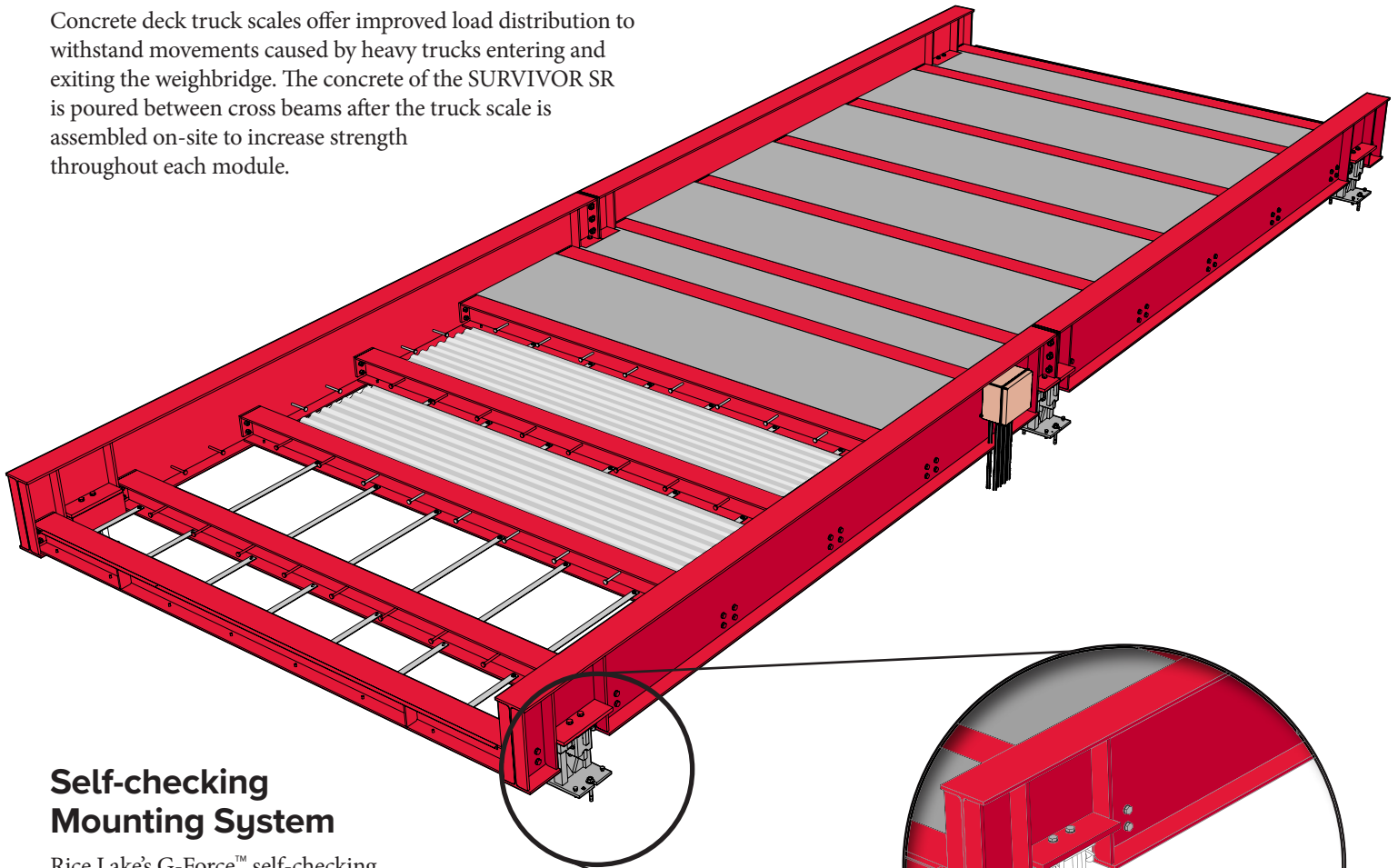
The main beams and cross beams that make up the SURVIVOR SR are shipped unassembled, eliminating the need for special shipping permits. This design also provides more options for wider truck scale modules to fit any application need.



SR SPECIFICATIONS AND DIMENSIONS					
LENGTH	FULL SCALE CAPACITY	MODULES	LOAD CELLS	DLA RATING	CLC RATING
10 FT	120,000 LB	1	4	120,000 LB	120,000 LB
20 FT	120,000 LB	1	4	120,000 LB	120,000 LB
24 FT	120,000 LB	1	4	120,000 LB	120,000 LB
35 FT	120,000 LB	1	4	120,000 LB	120,000 LB
40 FT	200,000 LB	2	6	120,000 LB	120,000 LB
47 FT	200,000 LB	2	6	120,000 LB	120,000 LB
60 FT	200,000 LB	3	8	120,000 LB	120,000 LB
70 FT	200,000 LB	2	6	120,000 LB	120,000 LB
70 FT	200,000 LB	3	8	120,000 LB	120,000 LB
80 FT	200,000 LB	4	10	120,000 LB	120,000 LB
93 FT	200,000 LB	4	10	120,000 LB	120,000 LB
100 FT	200,000 LB	5	12	120,000 LB	120,000 LB
117 FT	200,000 LB	5	12	120,000 LB	120,000 LB

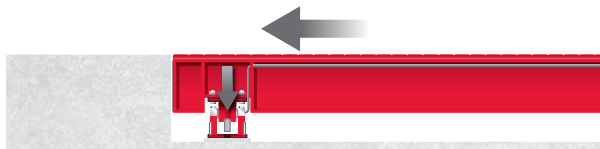
Reliable Concrete Design

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 SR is poured between cross beams after the truck scale is assembled on-site to increase strength throughout each module.



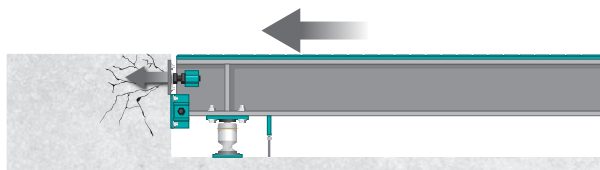
Self-checking Mounting System

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.

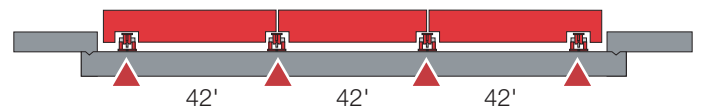


Check Rod and Bumper Bolt System

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

Side-access Load Cells

Load cells in the SURVIVOR SR are located where the side rails bolt together, providing easy access for maintenance. The load cells are spread 42 feet apart, meaning there are fewer modules and fewer load cells for reduced maintenance, while still achieving the same length of a standard scale.



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LOW PROFILE SIDERAIL TRUCK SCALES



Elevate Your Truck Scale Performance with iQUBE[®]

Rice Lake's iQUBE digital diagnostic junction box performs the same diagnostic functions as a scale that uses a digital load cell, but at a more cost-effective price and with more benefits.

This advanced junction box runs diagnostics for failed load cells, weighing errors and overall system health. Additional benefits include being less susceptible to damage from vibration and moisture, sending email alerts to a designated service provider and using load cell emulation to ensure your scale can weigh temporarily even after a cell failure.



SURVIVOR SR SPECIFICATIONS

LOAD CELLS:	Rice Lake RL75058-LP alloy steel, Double-ended beam 75,000 lb capacity
MOUNT ASSEMBLIES:	G-force self-checking mounting system
JUNCTION BOX:	JB85PT Tuffseal [®] polycarbonate NEMA Type 4X enclosure with overlapping solid cover, stainless steel screws
PLATFORM SIZE:	10 to 117 ft length 11 ft, 12 ft or 14 ft width
SCALE PROFILE:	15.5 in (no grout) 17 in (grout) (custom profiles available)
DECK THICKNESS:	8 in
FULL SCALE CAPACITY:	Up to 270,000 lb
CONCENTRATED LOAD CAPACITY (CLC):	120,000 lb
DUAL TANDEM AXLE (DTA):	120,000 lb
WARRANTY:	Weighbridge: 5-year or 12-year limited Parts: 5-year or 12-year limited, including lightning protection
APPROVALS:	NTEP CC 98-011, Class IIIIL Measurement Canada AM-5413

SURVIVOR SR STANDARD FEATURES

- 8-inch reinforced concrete deck
- G-force mount assemblies return the scale to center without check rods or bumper bolts
- Cables completely encased in rodent-proof conduit
- Thorough finishing process includes cleaning of steel before and after welding, followed by either high solids urethane liquid paint or durable powder paint

OPTIONS

- Steel deck
- 20 lb division
- 50 lb division/400,000-pound capacity
- 1/2, 3/8, or 1-inch deck plate upgrade
- Manhole
- Slotted manhole
- Grain dump
- End cleanout
- Stainless steel load cells
- Stainless steel suspension hardware
- Galvanized weighbridge and suspension hardware
- Corrosion-resistant coating
- 3/8-inch runners
- Side deflector plates
- Dolly down plate
- iQUBE[®] digital diagnostic junction box bundles