

SURVIVOR® SR Low-Profile Siderail Truck Scale - Concrete Deck



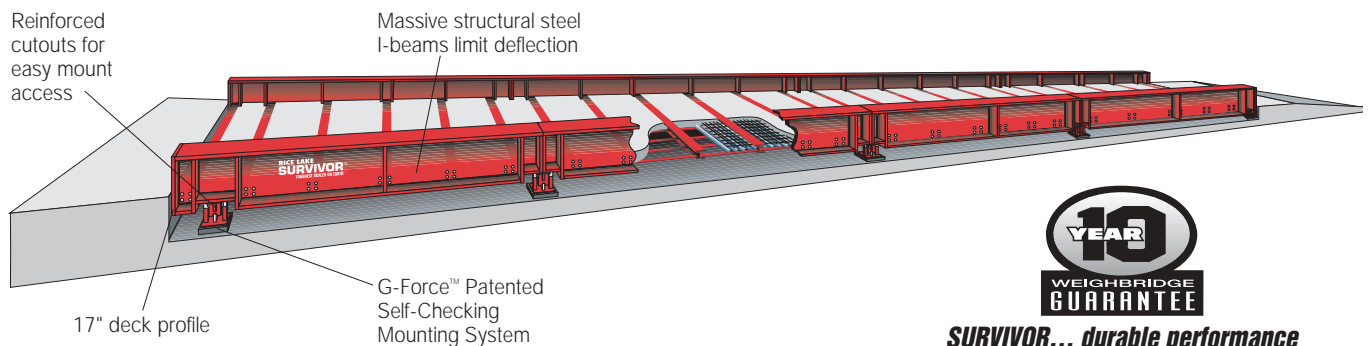
SEE CHART ON BACK FOR PART NUMBERS

The SURVIVOR SR truck scales feature a low-profile 8-inch thick steel and concrete weighbridge, and an up to 14-foot-wide loading area for greater safety and faster processing during peak usage times.

The 24-inch main I-beams limit deflection under heavy loads. Cross members are positioned approximately every 4 feet to spread the loads evenly for less flexing and a longer life cycle.

The SURVIVOR SR truck scales maintain accuracy even with a 90,000 lb load (on a 4-foot loading area) in mid span. The weighbridge deflection is less than 1:900 (e.g., 0.26 inches on a 20-foot span). Less deflection means less cumulative metal fatigue and much longer life cycles.

SURVIVOR SR... Delivering accuracy and dependability in extreme-duty, high-traffic vehicle weighing applications.



Package includes: Weighbridge steel; weighbridge fasteners; load cells with conduit fitting; load cell mounts with leveling bolts and anchor bolts; copper transient bypass cables at each load cell; flexible plastic conduit from load cell to metal conduit; conduit fittings from plastic to metal conduit; FRP junction box(es); summing board; homerun cable to indicator (60' long); print packages including deck assembly, foundation drawing (pier or floating slab) and rebar placement for deck concrete; along with detailed installation manual with truck loading/unloading diagram

(Specifications on back)

EXTREME DUTY

Standard Features

- Weighbridge modules for creating custom lengths
- 75,000 lb capacity load cells and pre-assembled mounts
- Junction box(es) appropriate for number of load cells utilized
- NTEP certified
- 90,000 lb Concentrated Load Capacity (CLC)
- 2.65 "r" factor
- Up to 270,000 lb full scale capacity
- Very low deflection factor (1:900) under maximum load
- 8" thick reinforced concrete deck
- Three standard widths: 11 ft, 12 ft and 14 ft
- Up to 42' section span

Options/Accessories

- Lightning protection package
- Special sizes and loading configurations available
- Steel deck
- Grain dump modules
- Rebar and deck sheeting

Consult catalog for these additional options:

- IQ plus® Series digital indicators
- Ticket and document printers
- 4" or 6" remote flip-digit displays
- TransAct®/TransAct Plus® data management software
- Unattended truck scale system (ATS-2)
- Concrete batching control system



**SURVIVOR... durable performance
measured not in years, but decades.**

Package does not include: Metal conduit on weighbridge for load cell cable runs; corrugated sheeting for deck; rebar for concrete deck; approach coping; foundation alignment posts; rebar and mesh for foundation; concrete; indicator; printer; freight charges including material handling, shipping charges, transportation permits and fees, escort(s) charge, and insurance transportation fees.

LOAD CELLS AND MOUNT ASSEMBLIES:

75,000 lb capacity; G-Force™ Patented Self-Checking Mounting System

"I" FACTOR:

2.65, CLC ÷ typical DTA loading (90,000 ÷ 34,000 = 2.65)

FULL SCALE CAPACITY:

Up to 270,000 lb

DEFLECTION FACTOR:

1:900 of span distance

CONCENTRATED LOAD CAPACITY (CLC):

90,000 lb

APPROVALS:

NTEP-certified per H-44, Class IIIIL

WARRANTY:

Ten-year limited warranty on the weighbridge
Two-year limited warranty on load cells/electronics
Up to five-year "build your own" lightning extended warranty

SR - CONCRETE DECK – 11 FOOT WIDTH

LENGTH	FULL SCALE CAPACITY	PART NUMBER	MODEL NUMBER	SHIPPING WEIGHT	NUMBER OF MODULES	NUMBER OF LOAD CELLS	"I" FACTOR	CLC (TONS)
10 ft	60 tons	44566	SR1011-SC-60	5,300 lb	1	4	2.65	45
20 ft	60 tons	44567	SR2011-SC-60	8,200 lb	1	4	2.65	45
24 ft*	60 tons	44568	SR2411-SC-60	9,300 lb	1	4	2.65	45
35 ft	60 tons	44569	SR3511-SC-60	16,100 lb	1	4	2.65	45
40 ft	100 tons	44570	SR4011-SC-100	15,500 lb	2	6	2.65	45
47 ft*	100 tons	44571	SR4711-SC-100	18,200 lb	2	6	2.65	45
60 ft	100 tons	44572	SR6011-SC-100	23,000 lb	3	8	2.65	45
70 ft	100 tons	44573†	SR7011-SC-100	31,400 lb	2	6	2.65	45
70 ft	100 tons	44574	SR7011-SC-100	26,800 lb	3	8	2.65	45
80 ft	100 tons	44575	SR8011-SC-100	30,500 lb	4	10	2.65	45
93 ft*	100 tons	44576	SR9311-SC-100	35,300 lb	4	10	2.65	45
100 ft	100 tons	44577	SR10011-SC-100	38,000 lb	5	12	2.65	45
117 ft*	100 tons	44578	SR11711-SC-100	44,300 lb	5	12	2.65	45

SR - CONCRETE DECK – 12 FOOT WIDTH

LENGTH	FULL SCALE CAPACITY	PART NUMBER	MODEL NUMBER	SHIPPING WEIGHT	NUMBER OF MODULES	NUMBER OF LOAD CELLS	"I" FACTOR	CLC (TONS)
10 ft	60 tons	44579	SR1012-SC-60	5,500 lb	1	4	2.65	45
20 ft	60 tons	44580	SR2012-SC-60	8,400 lb	1	4	2.65	45
24 ft*	60 tons	44581	SR2412-SC-60	9,500 lb	1	4	2.65	45
35 ft	60 tons	44582	SR3512-SC-60	16,400 lb	1	4	2.65	45
40 ft	100 tons	44583	SR4012-SC-100	15,900 lb	2	6	2.65	45
47 ft*	100 tons	44584	SR4712-SC-100	18,700 lb	2	6	2.65	45
60 ft	100 tons	44585	SR6012-SC-100	23,600 lb	3	8	2.65	45
70 ft	100 tons	44586†	SR7012-SC-100	32,000 lb	2	6	2.65	45
70 ft	100 tons	44587	SR7012-SC-100	27,500 lb	3	8	2.65	45
80 ft	100 tons	44588	SR8012-SC-100	31,200 lb	4	10	2.65	45
93 ft*	100 tons	44589	SR9312-SC-100	36,200 lb	4	10	2.65	45
100 ft	100 tons	44590	SR10012-SC-100	38,900 lb	5	12	2.65	45
117 ft*	100 tons	44591	SR11712-SC-100	45,400 lb	5	12	2.65	45

SR - CONCRETE DECK – 14 FOOT WIDTH

LENGTH	FULL SCALE CAPACITY	PART NUMBER	MODEL NUMBER	SHIPPING WEIGHT	NUMBER OF MODULES	NUMBER OF LOAD CELLS	"I" FACTOR	CLC (TONS)
10 ft	60 tons	44592	SR1014-SC-60	5,800 lb	1	4	2.65	45
20 ft	60 tons	44593	SR2014-SC-60	8,800 lb	1	4	2.65	45
24 ft*	60 tons	44594	SR2414-SC-60	10,100 lb	1	4	2.65	45
35 ft	60 tons	44595	SR3514-SC-60	17,000 lb	1	4	2.65	45
40 ft	100 tons	44596	SR4014-SC-100	16,700 lb	2	6	2.65	45
47 ft*	100 tons	44597	SR4714-SC-100	19,600 lb	2	6	2.65	45
60 ft	100 tons	44598	SR6014-SC-100	24,700 lb	3	8	2.65	45
70 ft	100 tons	44599†	SR7014-SC-100	33,200 lb	2	6	2.65	45
70 ft	100 tons	44600	SR7014-SC-100	28,800 lb	3	8	2.65	45
80 ft	100 tons	44601	SR8014-SC-100	32,700 lb	4	10	2.65	45
93 ft*	100 tons	44602	SR9314-SC-100	38,000 lb	4	10	2.65	45
100 ft	100 tons	44603	SR10014-SC-100	40,700 lb	5	12	2.65	45
117 ft*	100 tons	44604	SR11714-SC-100	47,600 lb	5	12	2.65	45

* 24 ft actual = 23' 4", 47 ft actual = 46' 8", 93 ft actual = 93' 4", 117 ft actual = 116' 8"

† 3-section