

# Vehicle/Track Scales

## SURVIVOR<sup>®</sup> SR Low-Profile Siderail Truck Scale - Concrete Deck

Product Bundles  
Now Available!



INTEGRATES WITH

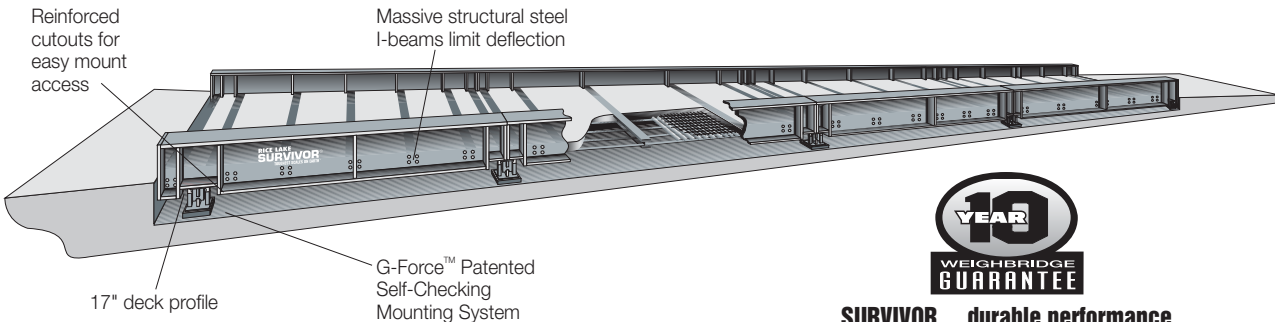


Now Includes:  
5 Year Parts & Lightning  
Protection Warranty

### Standard Features

- 75,000 lb capacity load cells and pre-assembled mounts
- Junction box(es) appropriate for number of load cells utilized
- NTEP-certified, COC #98-011A1
- 90,000 lb Concentrated Load Capacity (CLC)
- Up to 270,000 lb full scale capacity
- Span deflection ratio (1:3100) for legal highway loads
- 8" thick reinforced concrete deck
- Three standard widths: 11', 12' and 14'
- Up to 42' section span

**EXTREME  
DUTY**



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

**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

**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.

## Specifications

**LOAD CELLS AND MOUNT ASSEMBLIES:**  
75,000 lb capacity; G-Force™ Patented Self-Checking Mounting System

**FULL SCALE CAPACITY:**  
Up to 270,000 lb

**DEFLECTION FACTOR:**  
1:3100

**CONCENTRATED LOAD CAPACITY (CLC):**  
90,000 lb

**APPROVALS:**  
NTEP-certified per H-44, Class III.L,  
COC #98-011A1

**WARRANTY:**  
Ten-year limited warranty on the weighbridge  
Five-year parts warranty, including lightning protection (please refer to Warranty Statement on page VTS-61)  
Five-year lightning extended warranty (see page VTS-60)

Specifications subject to change without notice



# SURVIVOR SR - Concrete Deck (continued)

## Specifications (continued)

### SR - CONCRETE DECK – 11 FOOT WIDTH

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

### SR - CONCRETE DECK – 12 FOOT WIDTH

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

### SR - CONCRETE DECK – 14 FOOT WIDTH

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

\* 24' actual = 23' 4"; 47' actual = 46' 8"; 93' actual = 93' 4"; 117' actual = 116' 8"

† Three-section

# Rebar and Concrete Requirements

## Concrete SR Series

- Deck Rebar - #5 Grade 60 unless otherwise specified
- Rebar calculated using 20 ft lengths (if splices required, add 20" or 1.11 lbs of rebar per splice)
- Rebar calculations based on spacing of 16" O/C in both directions

Numbers listed below are estimations

### SURVIVOR SR SERIES - CONCRETE DECK - 10 FOOT WIDTH

#### DECK REBAR

LENGTH	TOTAL (FT)	TOTAL (LBS)	CONCRETE REQ'D (YDS)	CORRUGATED SHEETING (SQ FT)
11 ft	322	322	2.5	120
12 ft	354	354	3	130
14 ft	408	408	3.5	150

### SURVIVOR SR-SERIES - CONCRETE DECK - 11 FOOT WIDTH

#### DECK REBAR

LENGTH	TOTAL (FT)	TOTAL (LBS)	CONCRETE REQ'D (YDS)	CORRUGATED SHEETING (SQ FT)
20 ft	671	700	5	240
24 ft	797	831	6	264
40 ft	1423	1484	10.5	480
47 ft	1593	1662	12	564
60 ft	2189	2283	16	720
70 ft	2579	2690	18.5	840
80 ft	2946	3073	21	960
93 ft	3431	3579	24	1116
100 ft	3509	3660	26	1200
117 ft	4443	4634	29	1404

### SURVIVOR SR-SERIES - CONCRETE DECK - 12 FOOT WIDTH

#### DECK REBAR

LENGTH	TOTAL (FT)	TOTAL (LBS)	CONCRETE REQ'D (YDS)	CORRUGATED SHEETING (SQ FT)
20 ft	736	768	5.5	260
24 ft	874	912	6.5	312
40 ft	1562	1629	11.5	520
47 ft	1725	1799	17	780
60 ft	2345	2446	16	720
70 ft	2763	2882	19.9	910
80 ft	3128	3262	23	1040
93 ft	3675	3833	26	1209
100 ft	3912	4080	28	1300
117 ft	5301	5529	38	1755

### SURVIVOR SR-SERIES - CONCRETE DECK - 14 FOOT WIDTH

#### DECK REBAR

LENGTH	TOTAL (FT)	TOTAL (LBS)	CONCRETE REQ'D (YDS)	CORRUGATED SHEETING (SQ FT)
20 ft	851	888	6.5	300
24 ft	1012	1055	7.5	360
40 ft	1804	1882	13	600
47 ft	1993	2079	15	705
60 ft	2710	2827	20	900
70 ft	3297	3439	23	1050
80 ft	3585	3739	26	1200
93 ft	4247	4430	30	1395
100 ft	4520	4714	32.5	1500
117 ft	5301	5529	38	1755

Specifications subject to change without notice