

Vehicle/Track Scales

SURVIVOR® PT Pit-Type Truck Scale - Concrete Deck

Product Bundles
Now Available!



INTEGRATES WITH



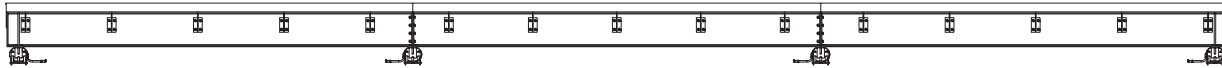
Now Includes:
5 Year Parts & Lightning
Protection Warranty

Standard Features

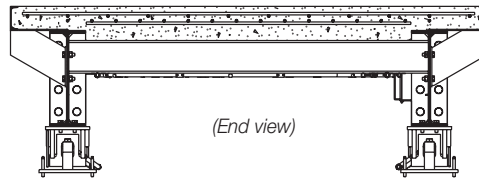
- Three standard widths: 10', 11', and 12' (available up to 14 ft, NTEP-certified)
- One 2' x 2' square manhole opening
- 75,000 lb capacity load cells and pre-assembled mounts
- NTEP-certified, COC #98-011A1
- Junction box(es) appropriate for number of load cells utilized
- 90,000 lb Concentrated Load Capacity (CLC)
- 6" reinforced concrete deck
- Up to 270,000 lb full scale capacity
- Span deflection ratio (1:3100) for legal highway loads
- Up to 42' section span

**EXTREME
DUTY**

(Side view)



(End view)



**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; conduit for each load cell cable; FRP junction box(es); summing board; homerun cable to indicator (60' long); print packages including deck assembly, foundation drawing and rebar placement for concrete deck; along with detailed installation manual.

Package does not include: Corrugated sheeting for deck; rebar for concrete deck; pit coping; 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 IIII, 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)

SURVIVOR PT - Concrete Deck (continued)

Specifications (continued)

PT - CONCRETE DECK – 10 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	51341	SR1010-PC-60	4,900 lb	1	4	45
20 ft	60 tons	51342	SR2010-PC-60	7,800 lb	1	4	45
25 ft	60 tons	72953	SR2510-PC-60	9,100 lb	1	4	45
30 ft	60 tons	72954	SR3010-PC-60	10,200 lb	1	4	45
40 ft	100 tons	51344	SR4010-PC-100	14,700 lb	2	6	45
50 ft	100 tons	72955	SR5010-PC-100	17,800 lb	2	6	45
60 ft	100 tons	51346	SR6010-PC-100	21,800 lb	3	8	45
70 ft	100 tons	51347	SR7010-PC-100	25,400 lb	3	8	45
80 ft	100 tons	51348	SR8010-PC-100	28,800 lb	4	10	45
90 ft	100 tons	72956	SR9010-PC-100	33,000 lb	4	10	45
100 ft	100 tons	51350	SR10010-PC-100	36,000 lb	5	12	45
120 ft	100 tons	72957	SR12010-PC-100	42,700 lb	5	12	45

PT - 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	51352	SR1011-PC-60	5,100 lb	1	4	45
20 ft	60 tons	51353	SR2011-PC-60	8,100 lb	1	4	45
25 ft	60 tons	72958	SR2511-PC-60	9,300 lb	1	4	45
30 ft	60 tons	72959	SR3011-PC-60	10,400 lb	1	4	45
40 ft	100 tons	51355	SR4011-PC-100	15,100 lb	2	6	45
50 ft	100 tons	72960	SR5011-PC-100	18,300 lb	2	6	45
60 ft	100 tons	51357	SR6011-PC-100	22,400 lb	3	8	45
70 ft	100 tons	51358	SR7011-PC-100	26,300 lb	3	8	45
80 ft	100 tons	51359	SR8011-PC-100	29,800 lb	4	10	45
90 ft	100 tons	72961	SR9011-PC-100	35,000 lb	4	10	45
100 ft	100 tons	51361	SR10011-PC-100	36,900 lb	5	12	45
120 ft	100 tons	72962	SR12011-PC-100	44,000 lb	5	12	45

PT - 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	51363	SR1012-PC-60	5,400 lb	1	4	45
20 ft	60 tons	51364	SR2012-PC-60	8,400 lb	1	4	45
25 ft	60 tons	72963	SR2512-PC-60	9,900 lb	1	4	45
30 ft	60 tons	72964	SR3012-PC-60	11,000 lb	1	4	45
40 ft	100 tons	51366	SR4012-PC-100	15,900 lb	2	6	45
50 ft	100 tons	72965	SR5012-PC-100	19,200 lb	2	6	45
60 ft	100 tons	51368	SR6012-PC-100	23,500 lb	3	8	45
70 ft	100 tons	51369	SR7012-PC-100	27,600 lb	3	8	45
80 ft	100 tons	51370	SR8012-PC-100	31,100 lb	4	10	45
90 ft	100 tons	72966	SR9012-PC-100	35,800 lb	4	10	45
100 ft	100 tons	51372	SR10012-PC-100	38,700 lb	5	12	45
120 ft	100 tons	72967	SR12012-PC-100	46,200 lb	5	12	45

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

Vehicle/Track Scales

SURVIVOR® PT Series

Components And Options/Accessories

PART #	DESCRIPTION	PRICE
Foundation Components		
Varied.....	Pit coping (specify length)	\$11.50/ft.
Scale Components		
Varied.....	Rebar.....	90¢/lb
53782	Corrugated sheeting, 26 gauge, galvanized 30" x 144".....	119.00
74277	Corrugated sheeting, 26 gauge, galvanized 36" x 120".....	189.00
18799	T-grip molding (minimum 10 ft. length)	5.50/ft.
Varied.....	Manhole option	415.00
Varied.....	Grated manhole option	475.00
Stainless Steel Welded-Seal Load Cells*		
SSH-4.....	4 cell system.....	+1,440.00 (adder)
SSH-6.....	6 cell system.....	+2,160.00 (adder)
SSH-8.....	8 cell system.....	+2,880.00 (adder)
SSH-10.....	10 cell system.....	+3,600.00 (adder)
SSH-12.....	12 cell system.....	+4,320.00 (adder)
SSH-14.....	14 cell system (multi-axle system)	+5,040.00 (adder)
<i>* Replaces tool steel load cells with welded-seal stainless steel load cells</i>		
Spare Parts		
39516	RL75058, double ended shear beam load cell, 75k capacity, NTEP-certified	925.00
73839	RL75058, double ended beam, 60' stainless steel overbraid cable, 75k, NTEP-certified	995.00
74725	RL75058, double ended beam, 100' cable, 75k, NTEP-certified	995.00
91783	JB8SPT signal trim, 8-channel with expansion and transient protection	595.00

Rebar and Concrete Requirements

Concrete PT Series

- Deck Rebar - #5 Grade 60 unless otherwise specified
- Rebar calculated using 20 ft lengths (if additional splices required, add 20" or 1.11 lbs of rebar per splice)
- Rebar calculations based on spacing of 12" O/C in both directions

Numbers listed below are estimations

SURVIVOR PT SERIES - CONCRETE DECK - 10 FOOT WIDTH

DECK REBAR

LENGTH	TOTAL (FT)	TOTAL (LBS)	CONCRETE REQ'D (YDS)	CORRUGATED SHEETING (SQ FT)
10 ft	357	372	2.2	66
20 ft	707	737	4.4	143
24 ft	864	901	5.1	165
40 ft	1486	1549	8.8	294
47 ft	1705	1778	10.3	351
60 ft	2186	2280	13.2	440
70 ft	2575	2686	15.3	514
80 ft	2925	3051	17.6	590
90 ft	3420	3567	20.4	686
100 ft	3665	3822	22.0	741
117 ft	4274	4458	25.5	865

SURVIVOR PT-SERIES - CONCRETE DECK - 11 FOOT WIDTH

DECK REBAR

LENGTH	TOTAL (FT)	TOTAL (LBS)	CONCRETE REQ'D (YDS)	CORRUGATED SHEETING (SQ FT)
10 ft	398	415	2.4	87
20 ft	788	821	4.9	190
24 ft	972	1014	5.7	220
40 ft	1611	1681	9.8	392
47 ft	1900	1981	11.4	468
60 ft	2435	2540	14.7	587
70 ft	2869	2992	17.1	685
80 ft	3259	3399	19.6	786
90 ft	3810	3973	22.8	915
100 ft	4083	4258	24.5	988
117 ft	4761	4965	28.5	1153

SURVIVOR PT-SERIES - CONCRETE DECK - 12 FOOT WIDTH

DECK REBAR

LENGTH	TOTAL (FT)	TOTAL (LBS)	CONCRETE REQ'D (YDS)	CORRUGATED SHEETING (SQ FT)
10 ft	439	457	2.7	87
20 ft	869	906	5.4	190
24 ft	1060	1106	6.3	220
40 ft	1776	1853	10.8	392
47 ft	2094	2184	12.6	468
60 ft	2684	2800	16.2	587
70 ft	3162	3298	18.9	685
80 ft	3592	3747	21.6	786
90 ft	4199	4380	25.2	915
100 ft	4500	4694	27.0	988
117 ft	5248	5473	31.5	1153