

# SURVIVOR® PT-SV

Standard Duty, Pit-Type, Concrete Deck

TRUCK SCALES



Due to the variety of configurations, please consult the factory to discuss application requirements and for complete specifications and price quotations.

## Approvals



Measurement  
Canada  
Approved

**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; poly-coated flexible steel conduit from load cell to metal conduit; conduit fittings from poly-coated flexible steel to metal conduit; conduit for each load cell cable; PVC junction box(es); summing board; homerun cable to indicator (60 ft long); print packages including deck assembly, foundation drawing and rebar placement for concrete deck; 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.

## Standard Features

- One 2 × 2 ft manhole opening
- Longitudinal I-beam construction
- Integrated load cell pockets
- Self-seating, P-bracket connection between modules
- 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

- Dolly down plate
- iQUBE<sup>2</sup> digital diagnostic junction box
- iQUBE<sup>2</sup> and 1280 Enterprise Series programmable weight indicator bundle
- iQUBE<sup>2</sup> and 920i<sup>®</sup> Series programmable weight indicator bundle

## 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:

JB8SPT Tuffseal<sup>®</sup>  
Polycarbonate NEMA Type 4X enclosure  
with overlapping solid cover, stainless steel screws

### Platform Size:

10 ft to 90 ft length  
10 ft or 11 ft

### Scale Profile:

42-1/2 in, grouted height  
(custom profiles available)

### Deck Thickness:

6 in  
(other sizes available)

### Full Scale Capacity:

Up to 120,000 lb

### Concentrated Load Capacity (CLC):

70,000 lb

### Dual Tandem Axle (DTA):

70,000 lb

### Approvals:

NTEP CC 98-011, Class IIII  
Measurement Canada AM-5413

### Warranty:

Weighbridge: 5-year or 12-year limited  
Parts: 5-year or 12-year limited,  
including lightning protection

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## Length/Capacity

Length	Capacity	Est. Weight	Number of Modules	Number of Load Cells	CLC	Part #	Model	Price
<b>PT-SV - Concrete Deck - 10 Foot Width</b>								
10ft	60 tons	3,050 lb	1	4	35 tons	<b>214434</b>	SR1010-PC-70	Consult
20ft	60 tons	4,600 lb	1	4	35 tons	<b>213767</b>	SR2010-PC-70	Consult
30ft	60 tons	6,300 lb	2	6	35 tons	<b>214433</b>	SR3010-PC-70	Consult
40ft	60 tons	8,200 lb	2	6	35 tons	<b>213779</b>	SR4010-PC-70	Consult
50ft	60 tons	9,800 lb	2	6	35 tons	<b>214431</b>	SR5010-PC-70	Consult
60ft	60 tons	11,600 lb	3	8	35 tons	<b>214430</b>	SR6010-PC-70	Consult
70ft	60 tons	12,000 lb	3	8	35 tons	<b>213697</b>	SR7010-PC-70	Consult
75ft	60 tons	13,600 lb	3	8	35 tons	<b>214435</b>	SR7510-PC-70	Consult
80ft	60 tons	15,300 lb	4	10	35 tons	<b>214429</b>	SR8010-PC-70	Consult
90ft	60 tons	17,000 lb	4	10	35 tons	<b>213732</b>	SR9010-PC-70	Consult
<b>PT-SV - Concrete Deck - 11 Foot Width</b>								
10ft	60 tons	4,350 lb	1	4	35 tons	<b>214443</b>	SR1011-PC-70	Consult
20ft	60 tons	5,900 lb	1	4	35 tons	<b>214442</b>	SR2011-PC-70	Consult
30ft	60 tons	7,600 lb	2	6	35 tons	<b>214441</b>	SR4011-PC-70	Consult
40ft	60 tons	9,500 lb	2	6	35 tons	<b>214440</b>	SR4011-PC-70	Consult
50ft	60 tons	11,100 lb	2	6	35 tons	<b>214439</b>	SR5011-PC-70	Consult
60ft	60 tons	12,900 lb	3	8	35 tons	<b>214438</b>	SR6011-PC-70	Consult
70ft	60 tons	13,300 lb	3	8	35 tons	<b>213884</b>	SR7011-PC-70	Consult
75ft	60 tons	14,900 lb	3	8	35 tons	<b>213579</b>	SR7511-PC-70	Consult
80ft	60 tons	16,600 lb	4	10	35 tons	<b>214437</b>	SR8011-PC-70	Consult
90ft	60 tons	18,300 lb	4	10	35 tons	<b>214436</b>	SR9011-PC-70	Consult

*Pit scales are designed to fit inside correctly-sized pits. Example: 70 x 10ft scale is actually 69ft 10.5in L x 9ft 10.5in W*

## Part Number/Price

Part #	Description	Price
<b>Foundation Components</b>		
Varied	Pit coping (specify length)	Consult
<b>Scale Components</b>		
Varied	Rebar	Consult
<b>53782</b>	Corrugated sheeting, 26 gauge, galvanized 30 × 144 in	Consult
<b>74277</b>	Corrugated sheeting, 26 gauge, galvanized 36 × 120 in	Consult
<b>18799</b>	T-grip molding	Consult
Varied	Manhole option	Consult
Varied	Slotted manhole option	Consult
<b>Stainless Steel Welded-Seal Load Cells*</b>		
<b>SSH-4</b>	4 cell system	Consult
<b>SSH-6</b>	6 cell system	Consult
<b>SSH-8</b>	8 cell system	Consult
<b>SSH-10</b>	10 cell system	Consult
<b>SSH-12</b>	12 cell system	Consult
<b>SSH-14</b>	14 cell system (multi-axle system)	Consult

\* Replaces tool steel load cells with welded-seal stainless steel load cells

<b>Spare Parts</b>		
<b>197781</b>	RL75058-LP, double-ended beam load cell, 75,000 lb capacity, NTEP Certified	Consult
<b>197782</b>	RL75058-LP, double-ended beam load cell, 60 ft stainless steel overbraid cable, 75,000 lb, NTEP Certified	Consult
<b>197780</b>	RL75058-LP, double-ended beam load cell, 100 ft cable, 75,000 lb, NTEP Certified	Consult
<b>91783</b>	JB8SPT signal trim, 8-channel with expansion and transient protection	Consult
<b>17779</b>	14 in tinned ground strap	Consult
<b>45716</b>	58.75 ft, 6 wire homerun cable	Consult
<b>50101</b>	Rocker truck scale link - standard	Consult
<b>107527</b>	Rocker truck scale link - tapered, self centering	Consult
<b>163280</b>	Shim kit consisting of 1/16 in, 1/8 in and 1/4 in for 7 × 11 upper plate for one section	Consult
<b>61148</b>	75,000 lb MVS mount base weldment	Consult
<b>70177</b>	Standard chair upper stand assembly	Consult
<b>107517</b>	Tapered chair upper stand assembly	Consult
<b>21134</b>	UJB3T6 load cell transient protection	Consult

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## Rebar & Concrete Requirements

Length	Total Feet	Total Pounds	Concrete Requirements	Corrugated Sheeting
<b>SURVIVOR PT-SV Series - Concrete Deck - 10 Foot Width</b>				
10 ft	357 ft	372 lb	2.2 yd	66 sq ft
20 ft	707 ft	737 lb	4.4 yd	143 sq ft
24 ft	864 ft	901 lb	5.1 yd	165 sq ft
40 ft	1,486 ft	1,549 lb	8.8 yd	294 sq ft
47 ft	1,705 ft	1,778 lb	10.3 yd	351 sq ft
60 ft	2,186 ft	2,280 lb	13.2 yd	440 sq ft
70 ft	2,575 ft	2,686 lb	15.3 yd	514 sq ft
75 ft	2,750 ft	2,867 lb	16.5 yd	552 sq ft
80 ft	2,925 ft	3,051 lb	17.6 yd	590 sq ft
90 ft	3,420 ft	3,567 lb	20.4 yd	686 sq ft
<b>SURVIVOR PT-SV Series - Concrete Deck - 11 Foot Width</b>				
10 ft	398 ft	415 lb	2.4 yd	87 sq ft
20 ft	788 ft	821 lb	4.9 yd	190 sq ft
24 ft	972 ft	1,014 lb	5.7 yd	220 sq ft
40 ft	1,611 ft	1,681 lb	9.8 yd	392 sq ft
47 ft	1,900 ft	1,981 lb	11.4 yd	468 sq ft
60 ft	2,435 ft	2,540 lb	14.7 yd	587 sq ft
70 ft	2,869 ft	2,992 lb	17.1 yd	685 sq ft
75 ft	3,064 ft	3,249 lb	18.4 yd	744 sq ft
80 ft	3,259 ft	3,500 lb	19.6 yd	800 sq ft
90 ft	3,810 ft	3,973 lb	22.8 yd	915 sq ft

Deck Rebar - #5 Grade 60 unless otherwise specified

Rebar calculated using 20ft lengths (if additional splices required, add 20in or 1.11lbs of rebar per splice)

Rebar calculations based on spacing of 12in O/C in both directions

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