

# SURVIVOR® OTR-SV

Standard Duty, Steel 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:** Assembled weighbridge modules and weighbridge fasteners; load cells with conduit fitting; load cell mounts with leveling bolts and anchor bolts; copper transient bypass cables at each load cell; metal conduit on weighbridge for load cell cable runs; poly-coated flexible steel conduit from load cell to metal conduit; conduit fittings from poly-coated flexible steel to metal conduit; FRP junction box(es); homerun cable to indicator (60 ft long); print packages including foundation drawing (pier, floating slab or pit) and installation manual.

**Package does not include:** Approach coping; foundation alignment posts; rebar and mesh for foundation; indicator; printer; freight charges including material handling; shipping charges, transportation permits and fees, escort(s) charge, and insurance transportation fees.

## Standard Features

- Open bottom design
- Longitudinal I-beam construction
- Integrated load cell pockets
- Boltless, top access to load cells and junction box
- 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

- 20 lb pound division
- Guiderails
- Pre-suspended load cells and mounts
- Catwalk
- Landing with stairs
- iQUBE<sup>2</sup>® digital diagnostic junction box bundles

## 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®  
Polycarbonate NEMA Type 4X enclosure with overlapping solid cover, stainless steel screws

### Platform Size:

10-foot to 117-foot length  
10-foot or 11-foot width

### Scale Profile:

16.5 or 18.75 in  
(custom profiles available)

### Deck Thickness:

5/16 in  
(other sizes available)

### Full Scale Capacity:

Up to 200,000 lb

### Concentrated Load Capacity (CLC):

70,000 lb

### Dual Tandem Axle (DTA):

70,000 lb

### Approvals:

NTEP CC 02-003, Class IIIIL  
Measurement Canada AM-5413

### Warranty:

Weighbridge: 2-year  
Parts: 2-year

## Length/Capacity

Length	Capacity	Est. Weight	Number of Modules	Number of Load Cells	CLC	Part #	Model	Price
<b>OTR-SV - Steel Deck - 10 Foot Width</b>								
20 ft	60 tons	7,600 lb	1	4	35 tons	<b>120128</b>	EZ2010-ST-60-OTR-SV	Consult
24 ft*	60 tons	8,900 lb	1	4	35 tons	<b>120130</b>	EZ2410-ST-60-OTR-SV	Consult
40 ft	100 tons	14,700 lb	2	6	35 tons	<b>120132</b>	EZ4010-ST-100-OTR-SV	Consult
47 ft*	100 tons	16,900 lb	2	6	35 tons	<b>120134</b>	EZ4710-ST-100-OTR-SV	Consult
60 ft	100 tons	22,500 lb	3	8	35 tons	<b>119951</b>	EZ6010-ST-100-OTR-SV	Consult
70 ft	100 tons	25,840 lb	3	8	35 tons	<b>119949</b>	EZ7010-ST-100-OTR-SV	Consult
80 ft	100 tons	29,500 lb	4	10	35 tons	<b>120138</b>	EZ8010-ST-100-OTR-SV	Consult
93 ft*	100 tons	33,800 lb	4	10	35 tons	<b>120140</b>	EZ9310-ST-100-OTR-SV	Consult
100 ft	100 tons	36,200 lb	5	12	35 tons	<b>120142</b>	EZ10010-ST-100-OTR-SV	Consult
117 ft*	100 tons	42,700 lb	5	12	35 tons	<b>120144</b>	EZ11710-ST-100-OTR-SV	Consult
<b>OTR-SV - Steel Deck - 11 Foot Width</b>								
20 ft	60 tons	8,700 lb	1	4	35 tons	<b>120129</b>	EZ2011-ST-60-OTR-SV	Consult
24 ft*	60 tons	9,900 lb	1	4	35 tons	<b>120131</b>	EZ2411-ST-60-OTR-SV	Consult
40 ft	100 tons	15,500 lb	2	6	35 tons	<b>120133</b>	EZ4011-ST-100-OTR-SV	Consult
47 ft*	100 tons	18,800 lb	2	6	35 tons	<b>120135</b>	EZ4711-ST-100-OTR-SV	Consult
60 ft	100 tons	25,200 lb	3	8	35 tons	<b>119950</b>	EZ6011-ST-100-OTR-SV	Consult
70 ft	100 tons	28,800 lb	3	8	35 tons	<b>119948</b>	EZ7011-ST-100-OTR-SV	Consult
80 ft	100 tons	33,000 lb	4	10	35 tons	<b>120139</b>	EZ8011-ST-100-OTR-SV	Consult
93 ft*	100 tons	37,800 lb	4	10	35 tons	<b>120141</b>	EZ9311-ST-100-OTR-SV	Consult
100 ft	100 tons	40,700 lb	5	12	35 tons	<b>120143</b>	EZ10011-ST-100-OTR-SV	Consult
117 ft*	100 tons	46,700 lb	5	12	35 tons	<b>120146</b>	EZ11711-ST-100-OTR-SV	Consult

\*24ft actual = 23ft 2.5in; 47ft actual = 46ft 6.5in; 93ft actual = 93ft 2.5in; 117ft actual = 116ft 6.5in

10ft actual width = 9ft 11in; 11ft actual width = 10ft 11in

NOTE: Shipping rates vary with options and split shipment requirements. Consult factory for current freight estimate.

# SURVIVOR® OTR-SV

Standard Duty, Steel Deck

## Part Number/Price

Part #	Description	Price
<b>Foundation Components</b>		
Varied	Approach coping (up to 14 ft long)	Consult
Varied	Pit coping (specify length)	Consult
<b>Scale Components</b>		
74626	4.25 in riser base plates	Consult
18799	T-grip molding	Consult/ft
108236	10 ft steel t-strip molding, 4 × 2.18 in	Consult
101800	11 ft steel t-strip molding, 4 × 2.18 in	Consult
107048	12 ft steel t-strip molding, 4 × 2.18 in	Consult
109427	Truck scale mount centering gauge alignment tool	Consult
130829	iQUBE <sup>2</sup> bundle, 6 to 8 load cells includes 920i <sup>®</sup>	Consult
130830	iQUBE <sup>2</sup> bundle, 10 to 12 load cells includes 920i <sup>®</sup>	Consult
188936	iQUBE <sup>2</sup> bundle, 6 to 8 load cells includes 1280	Consult
188939	iQUBE <sup>2</sup> bundle, 10 to 12 load cells includes 1280	Consult
<b>Guiderails</b>		
Varied	4 in yellow guiderail attached to both sides of scale (8 in overall height)	Consult
Varied	4 in yellow, double guiderails attached to both sides of scale (25 in overall height)	Consult
Varied	Approach guiderails	Consult
<b>Stainless Steel Welded-Seal Load Cells*</b>		
SSH-4	4 cell system	Consult
SSH-6	6 cell system	Consult
SSH-8	8 cell system	Consult
SSH-10	10 cell system	Consult
SSH-12	12 cell system	Consult
SSH-14	14 cell system	Consult
* Replaces tool steel load cells with welded-seal stainless steel load cells		
<b>Spare Parts</b>		
197781	RL75058-LP, double-ended beam load cell, 75,000 lb capacity, NTEP Certified	Consult
197782	RL75058-LP, double-ended beam, 60 ft stainless steel overbraid cable, 75,000 lb, NTEP Certified	Consult
197780	RL75058-LP, double-ended beam, 100 ft cable, 75,000 lb, NTEP Certified	Consult
91783	JB8SPT signal trim, 8-channel with expansion and transient protection	Consult
17780	16 in trimmed ground strap	Consult
41973	3/4 dia x concrete anchor	Consult
45716	60 ft, 6 wire homerun cable	Consult
50101	Truck scale rocker link	Consult
69203	Primer touch-up paint	Consult
91578	Paint, safety yellow	Consult
66953	Red touch-up paint	Consult
67290	Bottom load plate mount	Consult
68842	75,000 lb OTR mount base weldment 6.09 in tall	Consult
69126	75,000 lb OTR mount base weldment 8.34 in tall	Consult
74626	75,000 lb OTR mount base weldment 10.75 in profile	Consult
171119	Spacer block installation tool with grip handle	Consult

TRUCK SCALES

# SURVIVOR® OTR-XV

Extreme Duty, Steel or Concrete Deck



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:** Assembled weighbridge modules and weighbridge fasteners; load cells with conduit fitting; load cell mounts with leveling bolts and anchor bolts; copper transient bypass cables at each load cell; metal conduit on weighbridge for load cell cable runs; poly-coated flexible steel conduit from load cell to metal conduit; conduit fittings from poly-coated flexible steel to metal conduit; FRP junction box(es); homerun cable to indicator (60 ft long); print packages including foundation drawing (pier, floating slab or pit) and installation manual.

**Package does not include:** Approach coping; foundation alignment posts; rebar and mesh for foundation; indicator; printer; freight charges including material handling; shipping charges, transportation permits and fees, escort(s) charge, and insurance transportation fees.

## Standard Features

- Longitudinal I-beam construction
- Integrated load cell pockets
- Boltless, top access to load cells and junction box
- 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

- 20 lb division
- 50 lb division/300,000 lb or 400,000 lb capacity
- Schedule 40 guiderails
- Schedule 80 guiderails
- Manhole
- Slotted manhole
- Grain dump
- Dolly down plate
- End cleanout
- Stainless steel load cells
- Tapered links and radius blocks
- Stainless steel suspension hardware
- Galvanized weighbridge and suspension hardware
- Corrosion-resistant coating
- 3/8-inch runners
- Side deflector plates
- Catwalk
- Landing with stairs
- iQUBE2® digital diagnostic junction box bundles

## Specifications

### Load Cells:

Rice Lake RL75058-LP alloy steel,  
Double-ended beam  
125,000 lb capacity

### Mount Assemblies:

G-force self-checking mounting system

### Junction Box:

JB8SPT Tuffseal® polycarbonate NEMA Type 4X enclosure with overlapping solid cover, stainless steel screws

### Platform Size:

10 to 117 ft length  
10 ft, 11 ft, 12 ft or 14 ft width

### Scale Profile:

16.5 in or 18.75 in  
(custom profiles available)

### Deck Thickness:

5/16 in  
(other sizes available)

### Full Scale Capacity:

OTR-XV: 300,000 lb  
OTR-XVX: 400,000 lb

### Concentrated Load Capacity (CLC):

OTR-XV: 120,000 lb  
OTR-XVX: 140,000 lb

### Dual Tandem Axle (DTA):

OTR-XV: 120,000 lb  
OTR-XVX: 140,000 lb

### Warranty:

Weighbridge: 5-year or 12-year  
Parts: 5-year or 12-year

### Approvals:

NTEP 02-003, Class IIII  
Measurement Canada AM-5598

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# SURVIVOR® OTR-XV

Extreme Duty, Steel or Concrete Deck

## Part Number/Price

Part #	Description	Price
<b>Foundation Components</b>		
Varied	Approach coping (up to 14 ft long)	Consult
Varied	Pit coping (specify length)	Consult
<b>Scale Components</b>		
18799	T-grip molding	Consult/ft
Varied	Manhole option	Consult
Varied	Slotted manhole option	Consult
Varied	End cleanout—removable piece of treadplate located on both ends of scale for cleanout purposes	Consult
N/A	4-section portability kit	Consult
N/A	5-section portability kit	Consult
130829	iQUBE2 bundle, 6 to 8 load cells includes 920i®	Consult
130830	iQUBE2 bundle, 10 to 12 load cells includes 920i®	Consult
188936	iQUBE2 bundle, 6 to 8 load cells includes 1280	Consult
188939	iQUBE2 bundle, 10 to 12 load cells includes 1280	Consult
69286	Shim kit (1 per section required)	Consult
<b>Guiderails</b>		
Varied	4 in yellow guiderail attached to both sides of scale (8 in overall height)	Consult
Varied	4 in yellow, double guiderails attached to both sides of scale (25 in overall height)	Consult
Varied	Approach guiderails	Consult
<b>Spare Parts</b>		
197779	RL75058-LP, double-ended beam load cell, 125,000 lb capacity, NTEP Certified	Consult
91783	JB8SPT signal trim, 8-channel with expansion and transient protection	Consult
17780	16 in trimmed ground strap	Consult
41973	3/4 dia x concrete anchor	Consult
45716	58.75 ft, 6 wire homerun cable	Consult
68549	Truck scale rocker link, 100,000 to 125,000 lb assembly	Consult
66953	Red touch-up paint	Consult
106713	125,000 lb OTR mount base weldment	Consult

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