

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-sealing, 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
- iQUBE²® 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
OTR-SV - Steel Deck - 10 Foot Width								
20 ft	60 tons	7,600 lb	1	4	35 tons	120128	EZ2010-ST-60-OTR-SV	Consult
24 ft*	60 tons	8,900 lb	1	4	35 tons	120130	EZ2410-ST-60-OTR-SV	Consult
40 ft	100 tons	14,700 lb	2	6	35 tons	120132	EZ4010-ST-100-OTR-SV	Consult
47 ft*	100 tons	16,900 lb	2	6	35 tons	120134	EZ4710-ST-100-OTR-SV	Consult
60 ft	100 tons	22,500 lb	3	8	35 tons	119951	EZ6010-ST-100-OTR-SV	Consult
70 ft	100 tons	25,840 lb	3	8	35 tons	119949	EZ7010-ST-100-OTR-SV	Consult
80 ft	100 tons	29,500 lb	4	10	35 tons	120138	EZ8010-ST-100-OTR-SV	Consult
93 ft*	100 tons	33,800 lb	4	10	35 tons	120140	EZ9310-ST-100-OTR-SV	Consult
100 ft	100 tons	36,200 lb	5	12	35 tons	120142	EZ10010-ST-100-OTR-SV	Consult
117 ft*	100 tons	42,700 lb	5	12	35 tons	120144	EZ11710-ST-100-OTR-SV	Consult
OTR-SV - Steel Deck - 11 Foot Width								
20 ft	60 tons	8,700 lb	1	4	35 tons	120129	EZ2011-ST-60-OTR-SV	Consult
24 ft*	60 tons	9,900 lb	1	4	35 tons	120131	EZ2411-ST-60-OTR-SV	Consult
40 ft	100 tons	15,500 lb	2	6	35 tons	120133	EZ4011-ST-100-OTR-SV	Consult
47 ft*	100 tons	18,800 lb	2	6	35 tons	120135	EZ4711-ST-100-OTR-SV	Consult
60 ft	100 tons	25,200 lb	3	8	35 tons	119950	EZ6011-ST-100-OTR-SV	Consult
70 ft	100 tons	28,800 lb	3	8	35 tons	119948	EZ7011-ST-100-OTR-SV	Consult
80 ft	100 tons	33,000 lb	4	10	35 tons	120139	EZ8011-ST-100-OTR-SV	Consult
93 ft*	100 tons	37,800 lb	4	10	35 tons	120141	EZ9311-ST-100-OTR-SV	Consult
100 ft	100 tons	40,700 lb	5	12	35 tons	120143	EZ10011-ST-100-OTR-SV	Consult
117 ft*	100 tons	46,700 lb	5	12	35 tons	120146	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.

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Part Number/Price

Part #	Description	Price
Foundation Components		
Varied	Approach coping (up to 14 ft long)	Consult
Varied	Pit coping (specify length)	Consult
Scale Components		
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 ² bundle, 6 to 8 load cells includes 920i®	Consult
130830	iQUBE ² bundle, 10 to 12 load cells includes 920i®	Consult
188936	iQUBE ² bundle, 6 to 8 load cells includes 1280	Consult
188939	iQUBE ² bundle, 10 to 12 load cells includes 1280	Consult
Guiderails		
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
Stainless Steel Welded-Seal Load Cells*		
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		
Spare Parts		
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

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