

SURVIVOR® OTR

Steel Deck

Standard Features

- Top access to load cells and junction box
- 75,000 lb capacity load cells and G-Force™ mount assemblies
- Junction box(es) appropriate for number of load cells utilized
- NTEP Certified 02-003
- 100,000 lb Concentrated Load Capacity (CLC)
- 100,000 lb Dual Tandem Axle (DTA)
- Up to 270,000 lb full scale capacity
- Span deflection ratio (1:1100) for legal highway loads
- Three standard widths: 10 ft, 11 ft, and 12 ft (available up to 16.5 ft, NTEP Certified)

Additional Options Available:

- Up to 16.5 ft wide
- Fit existing foundations
- 50 lb division/400,000 lb capacity
- Custom grain dumps
- 5 lb division for Livestock
- 10 lb division for Truck/Livestock
- 20 lb division

Specifications

Load Cells and Mount Assemblies:

75,000 lb capacity; G-Force™ patented self-checking mounting system, top access to load cells

Full Scale Capacity:

Up to 270,000 lb

Deflection ratio:

1:1100

Concentrated Load Capacity (CLC):

100,000 lb

Dual Tandem Axle (DTA):

100,000 lb

Approvals:

NTEP Certified per H-44, Class III, 02-003
Measurement Canada AM-5413

Warranty:

Five-year limited warranty on the weighbridge
Five-year parts warranty, including lightning protection

Please refer to Warranty Statements starting on page 14



APPROVALS



Measurement
Canada
Approved

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

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 conduit to metal conduit; FRP junction box(es); homerun cable to indicator (60 ft long) and 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.

Length/Capacity

LENGTH	CAPACITY	EST. WEIGHT	NUMBER OF MODULES	NUMBER OF LOAD CELLS	CLC (TONS)	PART NUMBER	MODEL NUMBER	PRICE
OTR - STEEL DECK - 10 FOOT WIDTH								
10ft	60 tons	5,050lb	1	4	50 tons	63174	EZ1010-ST-60-OTR	Consult
12ft	60 tons	5,900lb	1	4	50 tons	96703	EZ1210-ST-60-OTR	Consult
15ft	60 tons	7,300lb	1	4	50 tons	86272	EZ1510-ST-60-OTR	Consult
20ft	60 tons	8,700lb	1	4	50 tons	63175	EZ2010-ST-60-OTR	Consult
24ft*	60 tons	10,200lb	1	4	50 tons	63176	EZ2410-ST-60-OTR	Consult
30ft	60 tons	13,200lb	1	4	50 tons	71978	EZ3010-ST-60-OTR	Consult
40ft	100 tons	16,800lb	2	6	50 tons	63177	EZ4010-ST-100-OTR	Consult
47ft*	100 tons	19,650lb	2	6	50 tons	63178	EZ4710-ST-100-ORT	Consult
50ft*	100 tons	20,800lb	2	6	50 tons	96706	EZ5010-ST-100-OTR	Consult
60ft	100 tons	25,700lb	3	8	50 tons	63179	EZ6010-ST-100-OTR	Consult
70ft	100 tons	29,600lb	3	8	50 tons	63206	EZ7010-ST-100-OTR	Consult
75ft	100 tons	31,800lb	3	8	50 tons	86273	EZ7510-ST-100-OTR	Consult
80ft	100 tons	33,650lb	4	10	50 tons	63180	EZ8010-ST-100-OTR	Consult
90ft	100 tons	37,900lb	4	10	50 tons	152127	EZ9010-ST-100-OTR	Consult
93ft*	100 tons	38,800lb	4	10	50 tons	63181	EZ9310-ST-100-OTR	Consult
100ft	100 tons	41,550lb	5	12	50 tons	63182	EZ10010-ST-100-OTR	Consult
117ft*	100 tons	49,000lb	5	12	50 tons	63183	EZ11710-ST-100-OTR	Consult
120ft	100 tons	50,300lb	6	14	50 tons	153671	EZ12010-ST-100-OTR	Consult
130ft	100 tons	54,500lb	6	14	50 tons	88525	EZ13010-ST-100-OTR	Consult
140ft	100 tons	58,700lb	7	14	50 tons	87956	EZ14010-ST-100-OTR	Consult
150ft	100 tons	62,900lb	7	16	50 tons	152130	EZ15010-ST-100-OTR	Consult
160ft	100 tons	67,100lb	8	16	50 tons	90900	EZ16010-ST-100-OTR	Consult
OTR - STEEL DECK - 11 FOOT WIDTH								
10ft	60 tons	5,500lb	1	4	50 tons	63184	EZ1011-ST-60-OTR	Consult
12ft	60 tons	6,350lb	1	4	50 tons	96704	EZ1211-ST-60-OTR	Consult
15ft	60 tons	7,700lb	1	4	50 tons	86274	EZ1511-ST-60-OTR	Consult
20ft	60 tons	9,900lb	1	4	50 tons	63185	EZ2011-ST-60-OTR	Consult
24ft*	60 tons	11,300lb	1	4	50 tons	63186	EZ2411-ST-60-OTR	Consult
30ft	60 tons	14,250lb	1	4	50 tons	72968	EZ3011-ST-60-OTR	Consult
40ft	100 tons	17,700lb	2	6	50 tons	63187	EZ4011-ST-100-OTR	Consult
47ft*	100 tons	21,500lb	2	6	50 tons	63188	EZ4711-ST-100-ORT	Consult
50ft*	100 tons	22,200lb	2	6	50 tons	96707	EZ5011-ST-100-OTR	Consult
60ft	100 tons	28,600lb	3	8	50 tons	63189	EZ6011-ST-100-OTR	Consult
70ft	100 tons	32,760lb	3	8	50 tons	63190	EZ7011-ST-100-OTR	Consult
75ft	100 tons	35,000lb	3	8	50 tons	86275	EZ7511-ST-100-OTR	Consult
80ft	100 tons	37,450lb	4	10	50 tons	63191	EZ8011-ST-100-OTR	Consult
90ft	100 tons	42,200lb	4	10	50 tons	131849	EZ9011-ST-100-OTR	Consult
93ft*	100 tons	43,000lb	4	10	50 tons	63192	EZ9311-ST-100-OTR	Consult
100ft	100 tons	46,300lb	5	12	50 tons	63193	EZ10011-ST-100-OTR	Consult
110ft	100 tons	49,500lb	5	12	50 tons	119745	EZ11011-ST-100-OTR	Consult
117ft*	100 tons	53,600lb	5	12	50 tons	63194	EZ11711-ST-100-OTR	Consult
120ft	100 tons	55,000lb	6	14	50 tons	130204	EZ12011-ST-100-OTR	Consult
130ft	100 tons	59,600lb	6	14	50 tons	105431	EZ13011-ST-100-OTR	Consult
140ft	100 tons	64,200lb	7	14	50 tons	108651	EZ14011-ST-100-OTR	Consult
150ft	100 tons	68,800lb	7	16	50 tons	152131	EZ15011-ST-100-OTR	Consult
160ft	100 tons	73,400lb	8	16	50 tons	109002	EZ16011-ST-100-OTR	Consult

*24ft actual = 23ft 2 1/2in; 47ft actual = 46ft 8in; 93ft actual = 93ft 4in; 117ft actual = 116ft 8in

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

OTR scales feature undersized dimensions and are designed to fit into existing foundations. Example: 70ft x 10ft scale is actually 69ft 10 1/2in L x 9ft 10 1/2in W.

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Length/Capacity

LENGTH	CAPACITY	EST. WEIGHT	NUMBER OF MODULES	NUMBER OF LOAD CELLS	CLC (TONS)	PART NUMBER	MODEL NUMBER	PRICE
OTR - STEEL DECK - 12 FOOT WIDTH								
10 ft	60 tons	6,000 lb	1	4	50 tons	63195	EZ1012-ST-60-OTR	Consult
12 ft	60 tons	6,900 lb	1	4	50 tons	96705	EZ1212-ST-60-OTR	Consult
15 ft	60 tons	8,260 lb	1	4	50 tons	86276	EZ1512-ST-60-OTR	Consult
20 ft	60 tons	10,400 lb	1	4	50 tons	63196	EZ2012-ST-60-OTR	Consult
24 ft*	60 tons	11,900 lb	1	4	50 tons	63197	EZ2412-ST-60-OTR	Consult
30 ft	60 tons	15,200 lb	1	4	50 tons	125020	EZ3012-ST-60-OTR	Consult
40 ft	100 tons	19,800 lb	2	6	50 tons	63198	EZ4012-ST-100-OTR	Consult
47 ft*	100 tons	22,800 lb	2	6	50 tons	63199	EZ4712-ST-100-ORT	Consult
50 ft*	100 tons	23,700 lb	2	6	50 tons	96708	EZ5012-ST-100-OTR	Consult
60 ft	100 tons	30,400 lb	3	8	50 tons	63200	EZ6012-ST-100-OTR	Consult
70 ft	100 tons	34,750 lb	3	8	50 tons	63201	EZ7012-ST-100-OTR	Consult
75 ft	100 tons	36,300 lb	3	8	50 tons	86277	EZ7512-ST-100-OTR	Consult
80 ft	100 tons	39,850 lb	4	10	50 tons	63202	EZ8012-ST-100-OTR	Consult
90 ft	100 tons	44,850 lb	4	10	50 tons	152128	EZ9012-ST-100-OTR	Consult
93 ft*	100 tons	45,650 lb	4	10	50 tons	63203	EZ9312-ST-100-OTR	Consult
100 ft	100 tons	50,300 lb	5	12	50 tons	63204	EZ10012-ST-100-OTR	Consult
117 ft*	100 tons	57,600 lb	5	12	50 tons	63205	EZ11712-ST-100-OTR	Consult
120 ft	100 tons	59,100 lb	6	14	50 tons	120939	EZ12012-ST-100-OTR	Consult
130 ft	100 tons	64,000 lb	6	14	50 tons	152132	EZ13012-ST-100-OTR	Consult
140 ft	100 tons	68,950 lb	7	14	50 tons	152133	EZ14012-ST-100-OTR	Consult
150 ft	100 tons	73,900 lb	7	16	50 tons	152134	EZ15012-ST-100-OTR	Consult
160 ft	100 tons	78,850 lb	8	16	50 tons	152135	EZ16012-ST-100-OTR	Consult

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Part Number/Price

PART NUMBER	DESCRIPTION	PRICE
Foundation Components		
Varied	Approach coping (up to 14 ft long)	Consult
Varied	Pit coping (specify length)	Consult
Scale Components		
74626	4 1/4 in Riser base plates	Consult
18799	T-grip molding	Consult
Varied	Manhole option	Consult
Varied	Steel T-strip for ends scale (2 pieces to 12 ft)	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
69286	Shim kit (1 per section required)	Consult
109427	Truck scale mount centering gauge alignment tool	Consult
177722	Truck scale mount centering gauge alignment tool 125,000 lb	Consult
130829	iQUBE2 bundle, 6-8 load cells	Consult
130830	iQUBE2 bundle, 10-12 load cells	Consult
Guiderails		
Varied	4 in guiderail attached to both sides of scale (8 in overall height)	Consult
N/A	Yellow paint	Consult
Varied	Double guiderails	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
<i>* Replaces tool steel load cells with welded-seal stainless steel load cells</i>		
Spare Parts		
39516	RL75058, double ended shear beam load cell, 75,000 lb capacity, NTEP Certified	Consult
73839	RL75058, double ended beam, 60 ft stainless steel overbraid cable, 75,000 lb, NTEP Certified	Consult
74725	RL75058, double ended beam, 100 ft cable, 75,000 lb NTEP Certified	Consult
48698	RL75058 SS, double ended shear beam, stainless steel	Consult
91783	JB8SPT signal trim, 8-channel with expansion and transient protection	Consult
98124	JB8SPT signal trim, 8 channel with expansion and transient protection in stainless steel NEMA Type 4 enclosure	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
66953	Red touch-up paint	Consult
67290	Bottom load plate mount radius block	Consult
68842	75,000 lb OTR mount base WLDT 6.09 in tall	Consult
69126	75,000 lb OTR mount base WLDT 8.34 in tall	Consult
74277	75,000 lb OTR mount base WLDT 10.75 in profile	Consult
74626	4 ft, 1/4 in riserbase weldment	Consult
171119	Spacer block installation tool with grip handle	Consult
85667	Stainless steel anchors for 75,000 lb mounts	Consult
41973	Mild steel anchors for 75,000 lb mounts	Consult
128042	Stainless steel load cell bolts	Consult
15186	Stainless steel flat washers	Consult
128043	Stainless steel leveling bolts	Consult