

# SURVIVOR® OTR

## Steel Deck



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.

### 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
- Three standard widths: 10 ft, 11 ft, and 12 ft (available up to 16.5 ft, NTEP Certified)

### Options

- 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

#### 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 10

### APPROVALS



Measurement  
Canada  
Approved

## Length/Capacity

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

\*24ft actual = 23ft 2.5in; 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 10.5in L x 9ft 10.5in W.

## Length/Capacity

Length	Capacity	Est. Weight	Number of Modules	Number of Load Cells	CLC (Tons)	Part Number	Model Number	Price
<b>OTR - Steel Deck - 12 Foot Width</b>								
10 ft	60 tons	6,000 lb	1	4	50 tons	<b>63195</b>	EZ1012-ST-60-OTR	Consult
12 ft	60 tons	6,900 lb	1	4	50 tons	<b>96705</b>	EZ1212-ST-60-OTR	Consult
15 ft	60 tons	8,260 lb	1	4	50 tons	<b>86276</b>	EZ1512-ST-60-OTR	Consult
20 ft	60 tons	10,400 lb	1	4	50 tons	<b>63196</b>	EZ2012-ST-60-OTR	Consult
24 ft*	60 tons	11,900 lb	1	4	50 tons	<b>63197</b>	EZ2412-ST-60-OTR	Consult
30 ft	60 tons	15,200 lb	1	4	50 tons	<b>125020</b>	EZ3012-ST-60-OTR	Consult
40 ft	100 tons	19,800 lb	2	6	50 tons	<b>63198</b>	EZ4012-ST-100-OTR	Consult
47 ft*	100 tons	22,800 lb	2	6	50 tons	<b>63199</b>	EZ4712-ST-100-ORT	Consult
50 ft*	100 tons	23,700 lb	2	6	50 tons	<b>96708</b>	EZ5012-ST-100-OTR	Consult
60 ft	100 tons	30,400 lb	3	8	50 tons	<b>63200</b>	EZ6012-ST-100-OTR	Consult
70 ft	100 tons	34,750 lb	3	8	50 tons	<b>63201</b>	EZ7012-ST-100-OTR	Consult
75 ft	100 tons	36,300 lb	3	8	50 tons	<b>86277</b>	EZ7512-ST-100-OTR	Consult
80 ft	100 tons	39,850 lb	4	10	50 tons	<b>63202</b>	EZ8012-ST-100-OTR	Consult
90 ft	100 tons	44,850 lb	4	10	50 tons	<b>152128</b>	EZ9012-ST-100-OTR	Consult
93 ft*	100 tons	45,650 lb	4	10	50 tons	<b>63203</b>	EZ9312-ST-100-OTR	Consult
100 ft	100 tons	50,300 lb	5	12	50 tons	<b>63204</b>	EZ10012-ST-100-OTR	Consult
117 ft*	100 tons	57,600 lb	5	12	50 tons	<b>63205</b>	EZ11712-ST-100-OTR	Consult
120 ft	100 tons	59,100 lb	6	14	50 tons	<b>120939</b>	EZ12012-ST-100-OTR	Consult
130 ft	100 tons	64,000 lb	6	14	50 tons	<b>152132</b>	EZ13012-ST-100-OTR	Consult
140 ft	100 tons	68,950 lb	7	16	50 tons	<b>152133</b>	EZ14012-ST-100-OTR	Consult
150 ft	100 tons	73,900 lb	7	16	50 tons	<b>152134</b>	EZ15012-ST-100-OTR	Consult
160 ft	100 tons	78,850 lb	8	16	50 tons	<b>152135</b>	EZ16012-ST-100-OTR	Consult

\*24 ft actual = 23 ft 2.5 in; 47 ft actual = 46 ft 8 in; 93 ft actual = 93 ft 4 in; 117 ft actual = 116 ft 8 in

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: 70 ft x 10 ft scale is actually 69 ft 10.5 in L x 9 ft 10.5 in W.

## Part Number/Price

Part Number	Description	Price
<b>Foundation Components</b>		
<b>Varied</b>	Approach coping (up to 14 ft long)	Consult
<b>Varied</b>	Pit coping (specify length)	Consult
<b>Scale Components</b>		
<b>74626</b>	4.25 in Riser base plates	Consult
<b>18799</b>	T-grip molding	Consult
<b>Varied</b>	Steel T-strip for ends scale (2 pieces to 12 ft)	Consult
<b>108236</b>	10 ft steel t-strip molding, 4 in x 2.18 in	Consult
<b>101800</b>	11 ft steel t-strip molding, 4 in x 2.18 in	Consult
<b>107048</b>	12 ft steel t-strip molding, 4 in x 2.18 in	Consult
<b>Varied</b>	Manhole option	Consult
<b>Varied</b>	Slotted manhole option	Consult
<b>Varied</b>	End cleanout - removeable piece of treadplate located on both ends of scale for cleanout purposed	Consult
<b>N/A</b>	4-section portability kit	Consult
<b>N/A</b>	5-section portability kit	Consult
<b>69286</b>	Shim kit (1 per section required)	Consult
<b>109427</b>	Truck scale mount centering gauge alignment tool	Consult
<b>177722</b>	Truck scale mount centering gauge alignment tool 125,000 lb	Consult
<b>130829</b>	iQUBE2 bundle, 6-8 load cells	Consult
<b>130830</b>	iQUBE2 bundle, 10-12 load cells	Consult

## Part Number/Price

Part Number	Description	Price
<b>Guiderails</b>		
<b>Varied</b>	4 in guiderail attached to both sides of scale (8 in overall height)	Consult
<b>N/A</b>	Yellow paint	Consult
<b>Varied</b>	Double guiderails	Consult
<b>Varied</b>	Approach guiderails	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	Consult
<i>* Replaces tool steel load cells with welded-seal stainless steel load cells</i>		
<b>Spare Parts</b>		
<b>39516</b>	RL75058, double-ended beam load cell, 75,000 lb capacity, NTEP Certified	Consult
<b>73839</b>	RL75058, double-ended beam, 60 ft stainless steel overbraid cable, 75,000 lb, NTEP Certified	Consult
<b>74725</b>	RL75058, double-ended beam, 100 ft cable, 75,000 lb NTEP Certified	Consult
<b>48698</b>	65058S75K-1000 with 60 ft of cable	Consult
<b>91783</b>	JB8SPT signal trim, 8-channel with expansion and transient protection	Consult
<b>98124</b>	JB8SPT signal trim, 8-channel with expansion and transient protection in stainless steel NEMA Type 4 enclosure	Consult
<b>17780</b>	16 in trimmed ground strap	Consult
<b>41973</b>	3/4 dia x concrete anchor	Consult
<b>45716</b>	60 ft, 6 wire homerun cable	Consult
<b>50101</b>	Truck scale rocker link	Consult
<b>66953</b>	Red touch-up paint	Consult
<b>107527</b>	Taperd link 75,000 lb	Consult
<b>67290</b>	Bottom load plate mount radius block	Consult
<b>68842</b>	75,000 lb OTR mount base weldment 6.09 in tall	Consult
<b>69126</b>	75,000 lb OTR mount base weldment 8.34 in tall	Consult
<b>74277</b>	75,000 lb OTR mount base weldment 10.75 in profile	Consult
<b>74626</b>	4 ft, 1/4 in riserbase weldment	Consult
<b>171119</b>	Spacer block installation tool with grip handle	Consult
<b>85667</b>	Stainless steel anchors for 75,000 lb mounts	Consult
<b>41973</b>	Mild steel anchors for 75,000 lb mounts	Consult
<b>128042</b>	Stainless steel load cell bolts	Consult
<b>15186</b>	Stainless steel flat washers	Consult
<b>128043</b>	Stainless steel leveling bolts	Consult