

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:

Up to 400,000 lb

Concentrated Load Capacity (CLC):

140,000 lb

Dual Tandem Axle (DTA):

140,000 lb

Warranty:

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

Approvals:

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

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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		
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
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
Spare Parts		
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

TRUCK SCALES