

SURVIVOR® SR

Siderail, Concrete Deck



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

Approvals



Package includes: Weighbridge steel; weighbridge fasteners; load cells with conduit fitting; load cell mounts with leveling bolts and anchor bolts; copper transient bypass cables at each load cell; 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); summing board; homerun cable to indicator (60 ft long); print packages including deck assembly, foundation drawing (pier or floating slab) and rebar placement for deck concrete; along with detailed installation manual with truck loading/unloading diagram.

Package does not include: Metal conduit on weighbridge for load cell cable runs; corrugated sheeting for deck; rebar for concrete deck; approach coping; foundation alignment posts; rebar and mesh for foundation; concrete; indicator; printer; freight charges including material handling, shipping charges, transportation permits and fees, escort(s) charge, and insurance transportation fees.

Standard Features

- 8-inch reinforced concrete deck
- 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

- Steel deck
- 20 lb division
- 50 lb division/400,000-pound capacity
- 1/2, 3/8, or 1-inch deck plate upgrade
- Manhole
- Slotted manhole
- Grain dump
- End cleanout
- Stainless steel load cells
- Stainless steel suspension hardware
- Galvanized weighbridge and suspension hardware
- Corrosion-resistant coating
- 3/8-inch runners
- Side deflector plates
- Dolly down plate
- 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 to 117 ft length
11 ft, 12 ft or 14 ft width

Scale Profile:

15.5 in (no grout) 17 in (grout)
(custom profiles available)

Deck Thickness:

8 in

Full Scale Capacity:

Up to 270,000 lb

Concentrated Load Capacity (CLC):

120,000 lb

Dual Tandem Axle (DTA):

120,000 lb

Warranty:

Weighbridge: 5-year or 12-year limited
Parts: 5-year or 12-year limited,
including lightning protection

Approvals:

NTEP CC 98-011, Class IIIIL
Measurement Canada AM-5413