



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; conduit for each load cell cable; FRP junction box(es); summing board; homerun cable to indicator (60 ft long); print packages including deck assembly, foundation drawing and rebar placement for concrete deck; detailed installation manual.

Package does not include:

Corrugated sheeting for deck; rebar for concrete deck; pit coping; 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

- Built for pit foundations
- One 2 x 2 ft manhole opening
- Pit access to load cell s
- 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
- 18-inch main beams for increased pit clearance
- Surface mounted junction box
- 3/8, 1/2, or 1-inch or 2-inch steel deck plate upgrade
- Grain dump
- Stainless steel load cells
- Tapered links and radius blocks
- Stainless steel suspension hardware
- Galvanized weighbridge and suspension hardware
- Corrosion-resistant coating
- Dolly down plate
- iQUBE²® digital diagnostic junction box
- iQUBE² and 1280 Enterprise Series programmable weight indicator bundle
- iQUBE² and 920i[®] Series programmable weight indicator bundle

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 160 ft length
10 ft, 11 ft, 12 ft width,
NTEP Certified up to 16.5 ft
(custom length and width available)

Scale Profile:

42 in
(custom profiles available)

Deck Thickness:

6 in
(other sizes available)

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 IIII
Measurement Canada AM-5413