

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 and between modules; 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; PVC 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

- Open bottom design
- 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

- 10 lb division for truck or livestock
- 20 lb division
- 1/2, 3/8, or 1-inch deck plate upgrade
- Schedule 40 guiderails
- Schedule 80 guiderails
- Manhole
- Slotted manhole
- Grain dump
- Dolly down plate
- End cleanout
- Integrate manhole ladder
- Stainless steel load cells
- Tapered links and radius blocks
- Pre-suspended load cells and mounts
- Stainless steel suspension hardware
- Galvanized weighbridge and suspension hardware
- Custom coatings
- 3/8-inch runners
- Roll-off
- 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
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 and 12 ft width,
NTEP Certified up to 16.5 ft
(custom length and width available)

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 270,000 lb

Concentrated Load Capacity (CLC):
100,000 lb

Dual Tandem Axle (DTA):
100,000 lb

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

Approvals:
NTEP 02-003, Class IIIL
Measurement Canada AM-5413

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