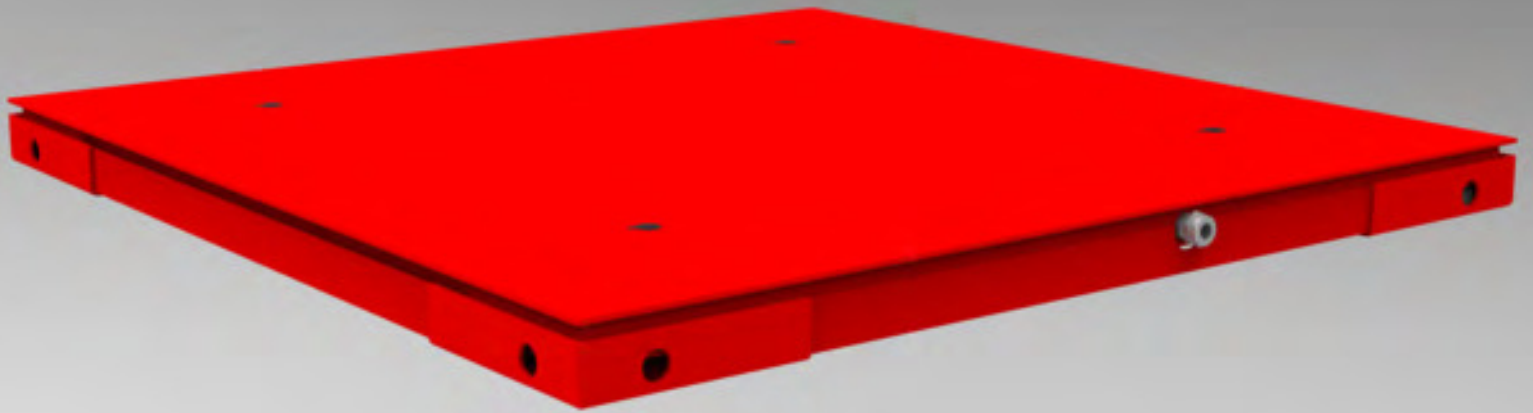


BTEK
SCALES LLC



RPS
FLOOR SCALE

CUTTING-EDGE TECHNOLOGY

RPS FLOOR SCALE

B-TEK's RPS Floor Scale uses suspension style weighing while utilizing a self-aligning load cell, resulting in more precise accuracy. Minimal to no adjustments are needed with fixed receiver cups built into the frame allowing for less parts to become loose or out of tolerance. The RPS floor scale has a 100% end load capacity for greater protection and the lower deck height is designed to help with height restrictions and accessibility in hopper, shelving or conveyor applications. Each load cell measures through rocker pin suspension, automatically aligning load forces for accurate and repeatable weighing. This suspension-style weighing provides superior performance and is tested to be more durable and accurate than threaded feet.

Features and Specifications

- **NTEP COC:** 94-092A3
- **Type:** Above ground or pit
- **NTEP Approved Scale Capacity:** 1,000 x 0.2 lb / 2,500 x 0.5 lb / 5,000 x 1 lb / 10,000 x 2 lb
- **Expanded Resolution Capacity:** 500 x .05 lb / 5,000 x 0.5 lb / 10,000 lb x 1 lb
- **Scale Height:** 3" nominal (1,000 - 5,000) / 3-1/2" nominal (10,000)
- **Available Sizes:** 3' x 3' - 5' x 7'
- **Leveling foot:** Fixed rocker pin - no height adjustment
- **Weighbridge:**
 - 1/4" carbon steel tread deck plate with formed channel sub-structure
 - 1/4" 304 stainless steel smooth deck plate with formed channel sub-structure
- **Deck:** Top access junction box, threaded lifting eye bolt holes: 5/8"-11 eyebolt
- **Paint System:** Carbon steel: Alkyd Enamel
Stainless steel: All exposed surfaces are media blasted to a clean, consistent appearance

Electrical, and Warranty

Junction Box

- NEMA 4 fiberglass reinforced plastic (FRP) with signal trim summing board

Load Cell

- Stainless steel IP67, 350 Ohms, 2.0 mV/V, FM Approved
 - 1,000 lb capacity: (4) 500 lb cells
 - 2,500 lb capacity: (4) 1,250 lb cells
 - 5,000 lb capacity: (4) 2,500 lb cells
 - 10,000 lb capacity: (4) 5,000 lb cells

Warranty

- 3-Years on weighbridge steel structure
- 2-Years on load cells, junction box, and summing board

Exploded corner view of load cell and rocker pin.

