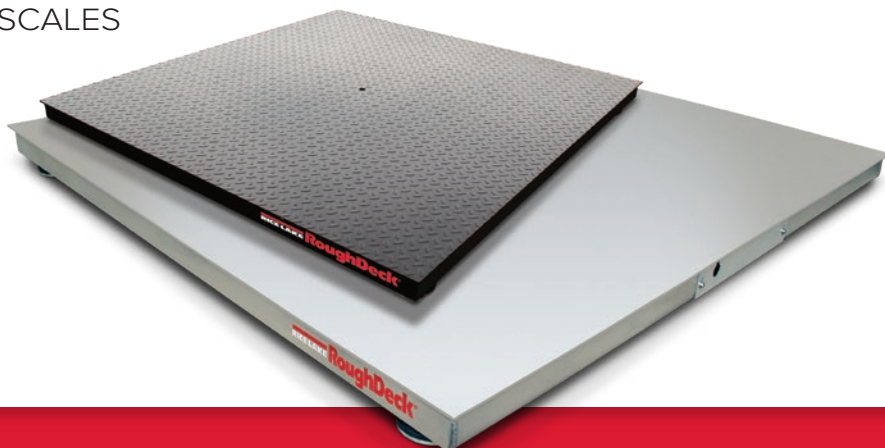


RoughDeck®

HP, HP-H, SS AND HE SERIES FLOOR SCALES



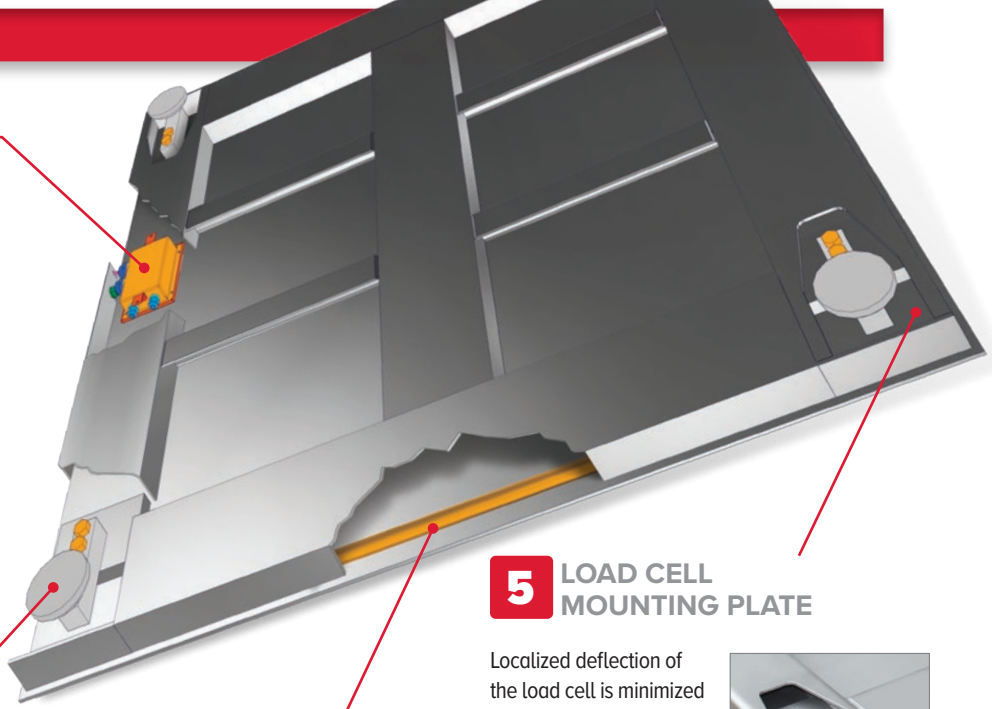
RICE LAKE®
WEIGHING SYSTEMS

www.ricelake.com

RoughDeck® is Simply the Toughest, Most Accurate Floor Scale Available.

Harsh environments and demanding capacities are no match for the industry's toughest floor scale. RoughDeck lives up to its name with superior structural design, specialized footing, and durable load cell and cable protection. RoughDeck's design separates it from other floor scales by minimizing deck deflection and extraneous forces that could damage load cells. Standard or customized, the RoughDeck series is available in low-profile


stationary and portable versions, and offers component interchangeability and alternative construction materials to meet specific industrial requirements—from basic shipping and receiving to highly corrosive or washdown environments.



1 TUFFSEAL JUNCTION BOX PROTECTS CIRCUITRY

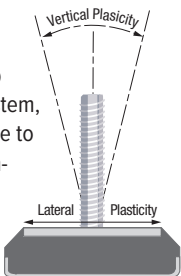
Included with all models, the rugged, stainless steel TuffSeal junction boxes are specifically designed to protect sensitive circuitry. Its unique closure design prevents moisture access and a Gore™ breather vent helps equalize the pressure inside the enclosure which can be caused by sudden temperature or environmental changes.

GORE, GORE-TEX and design are registered trademarks of W.L. Gore & Associates, Inc.



2 SUREFOOT™ FOR ACCURACY

SUREFOOT decreases extraneous forces on the load cell, resulting in superior accuracy and repeatability. A stainless steel cup sits on the floor and is bonded by a pliable neoprene cushion to a stainless steel top plate with attached threaded stem, allowing the stem and top plate to move laterally and tilt independently of the bottom stainless steel cup.



3 LOAD CELL AND CABLE PROTECTION

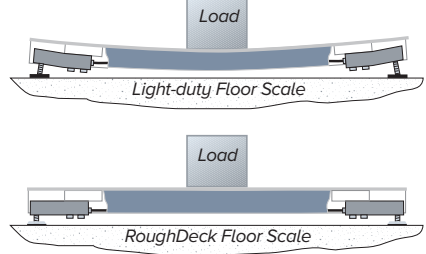
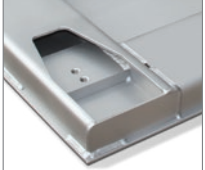
Load cells are recessed within the channels and on larger sizes conduit lies within the channel to help protect components from rough handling.

4 SUPERIOR STRUCTURAL DESIGN

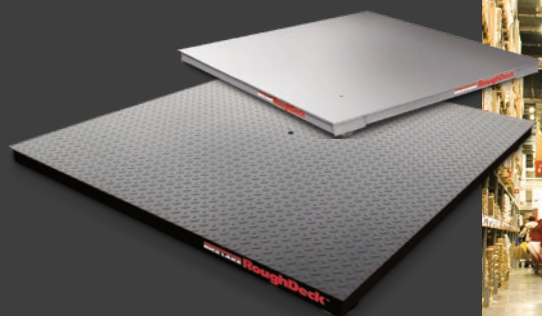
This design has proven so superior that RoughDeck carries a full five-year warranty on the deck structure.

5 LOAD CELL MOUNTING PLATE

Localized deflection of the load cell is minimized by welding the mounting plate to the channel frame rather than the deck plate.



The RoughDeck design minimizes deflection of the deck and feet for greater accuracy and repeatability with every weighing.



HP and HP-H



SS



HE

Standard Features and Options

For non washdown environments

For corrosive, dry chemical environments

For harsh chemical or washdown environments

Construction:

Mild Steel

304 Stainless Steel

304 Stainless Steel

Deck/Top Plate:

Diamond tread	Standard	Optional	Optional
Smooth	Optional	Standard	Standard

Load Cells:

Factory Mutual-approved 	Standard	Standard	Standard
Alloy steel, environmentally sealed	Standard	—	—
Stainless steel		Standard	Standard
Welded seal, IP66	Optional	Standard	—
Hermetically sealed, IP69K	Optional	Optional	Standard



Junction Box:

Internal mount, side access	Standard	Standard	Optional
Remote mount	Optional	Optional	Standard
Internal mount, top access	Optional	Optional	Optional

Miscellaneous:

4 adjustable stainless steel SUREFOOT™ support feet	Standard	Standard	Standard
20' EL147HE Hostile Environment Load Cell Cable	Standard	Standard	Standard
Threaded eyebolt holes for lifting	Standard	Standard	Standard
Custom sizes	Optional	Optional	Optional
Top access foot adjustment holes	Optional	Optional	Optional
Epoxy paint	Optional	—	—

Approvals:

	NTEP CC 92-001	NTEP CC 92-001	NTEP CC 92-001
	HP: AM-4827 HP-H: AM-5284 (Only capacities greater than 10,000 kg)	AM-4827	AM-4827

RoughDeck®

HP, HP-H, SS AND HE SERIES FLOOR SCALES

RoughDeck®

HP, HP-H, SS AND HE SERIES FLOOR SCALES

Any Application, Any Demand.

From 2' x 2' to 8' x 10', 500 lb to 30,000 lb, Rice Lake has a floor scale for any application and any demand. Need something custom-made? Rice Lake can build a RoughDeck in any size, any shape and any capacity.

In Floor with Pit Frame



Above Ground Access



Ramp Access



OPTIONS

Installation options, whether in mild or stainless steel, add versatility to your RoughDeck.

- Digital weight indicators
- Indicator floor stand
- Floor anchor plates
- Pit frame
- Access ramps
- Bumper guards
- Portability frames

All installation options are available in mild or stainless steel.

