

# AutoLift HE

HOSTILE ENVIRONMENT FLOOR SCALE



**RICE LAKE**<sup>®</sup>  
WEIGHING SYSTEMS

800-472-6703  
[www.ricelake.com](http://www.ricelake.com)

# Hands-free Hygiene



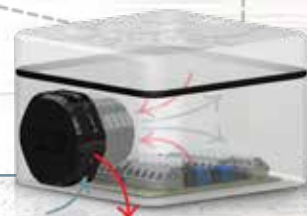
## TuffSeal® Junction Box Protects Circuitry

Included with all models, the rugged, stainless steel TuffSeal junction box is specifically designed with a unique closure to prevent moisture ingress and protect sensitive circuitry. A Gore™ breather vent helps equalize pressure inside the enclosure that can be caused by sudden temperature or environmental changes.

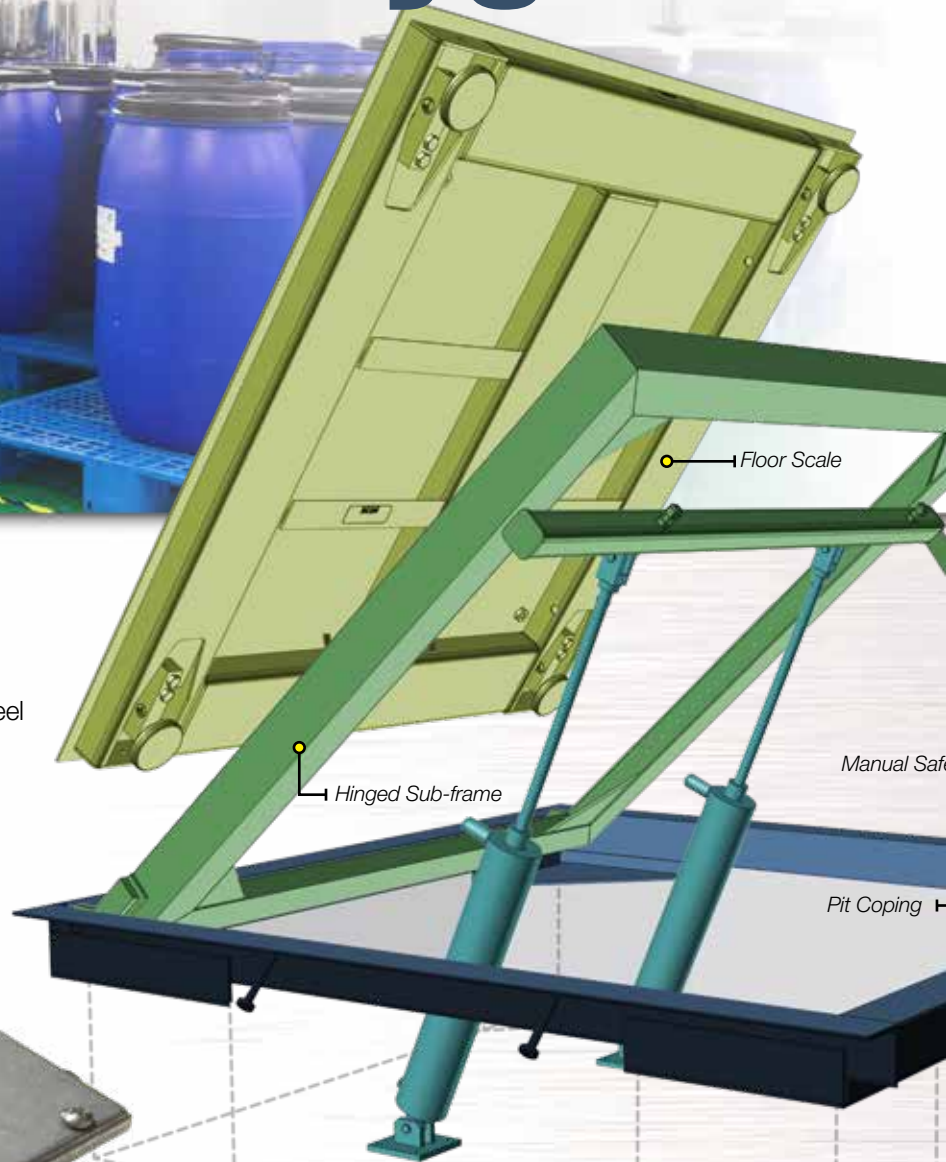
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*The Gore breather vent helps equalize pressure inside the enclosure by letting air in and out. This reduces stress on seals and prevents condensation.*



*Air passes through*



IT DOESN'T GET ANY TOUGHER THAN THIS

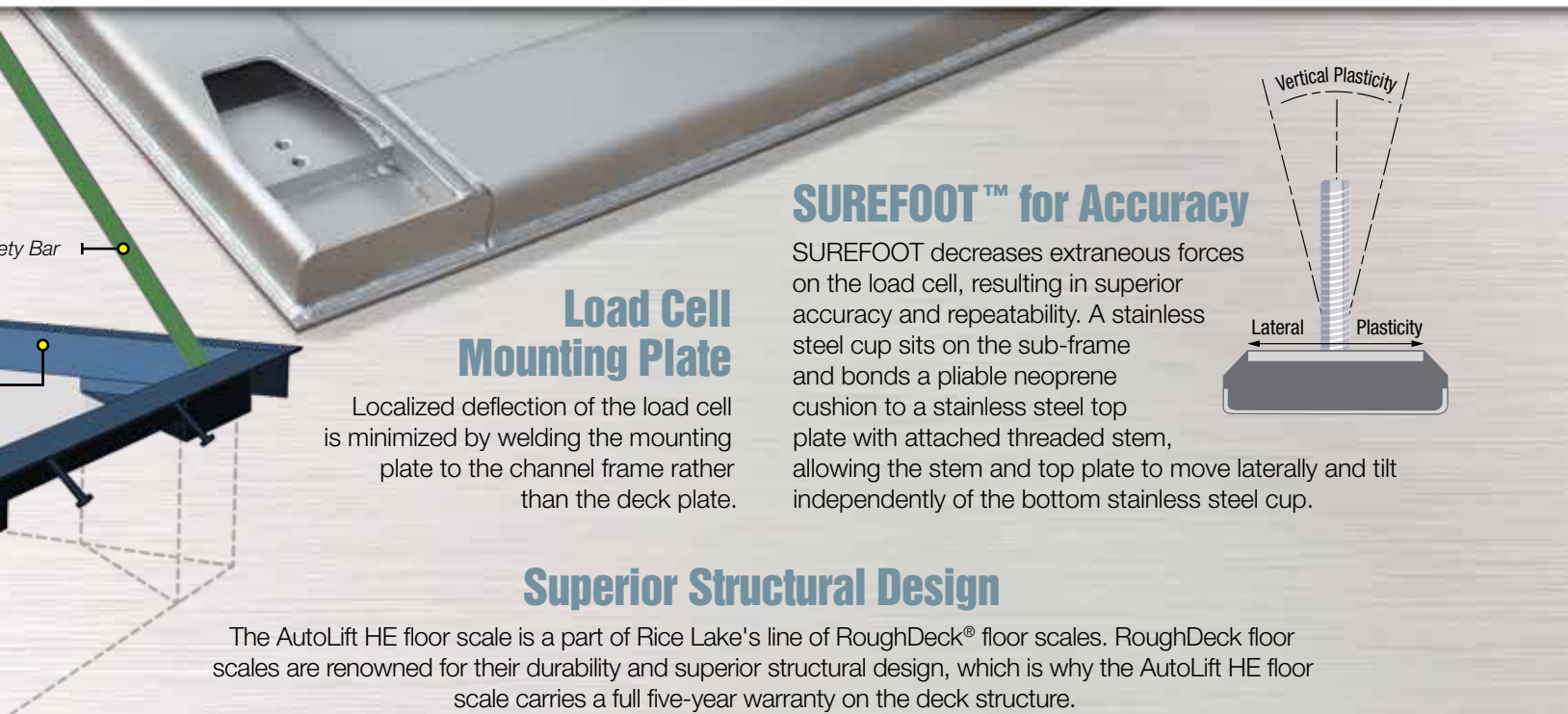
## The AutoLift HE floor scale is engineered with a pneumatic scale-lifting system that permits ultimate access for cleaning in washdown environments.

Rugged enough for excellent performance in harsh, corrosive environments, the Autolift HE design includes four IP67 welded seal load cells to maintain remarkable accuracy and durability. Its TuffSeal JB4SS stainless steel NEMA Type 4X junction box is UL approved for watertight protection and corrosion resistance.

Powerful, pneumatic lifting arms promote efficiency and safety by permitting automatic hands-free access to the scale's undersurface for complete sanitation throughout the cavity. With automatic lifting arms and manually placed safety bars, the scale's pit cavity is exposed securely for the duration of cleaning, minimizing hand contact with caustic industrial chemicals. Because of the AutoLift HE's 304 stainless steel surface top and underside, it is ideal for extreme industry sanitation practices.

Available in a variety of sizes and load capacities from 2,000 to 10,000 pounds, the Autolift HE floor scale is the perfect solution for a wide range of washdown applications and facility sizes.

To view the installation video, please refer to the AutoLift HE product page on the Rice Lake Weighing Systems website at [www.ricelake.com/AutoLift-HE](http://www.ricelake.com/AutoLift-HE).

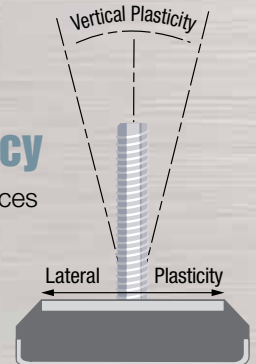


### Load Cell Mounting Plate

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

### SUREFOOT™ for Accuracy

SUREFOOT decreases extraneous forces on the load cell, resulting in superior accuracy and repeatability. A stainless steel cup sits on the sub-frame and bonds 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.



### Superior Structural Design

The AutoLift HE floor scale is a part of Rice Lake's line of RoughDeck® floor scales. RoughDeck floor scales are renowned for their durability and superior structural design, which is why the AutoLift HE floor scale carries a full five-year warranty on the deck structure.

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





# AutoLift HE HOSTILE ENVIRONMENT FLOOR SCALE

## Efficiency from the Ground Up

The Autolift HE floor scale features a pit mount design for a flush, floor-level weighing platform that is easy to load and unload. The junction box can be remotely mounted up to 10 feet from the scale, further isolating electronics from the damaging effects of cleaning the scale.

## Dimensions/Capacities:

SIZE	CAPACITY LB (KG)	SHIP WT LB
4 x 4 ft	2000 lb (1000 kg)	640 lb
4 x 4 ft	5000 lb (2,500 kg)	640 lb
4 x 4 ft	10,000 lb (5000 kg)	750 lb
5 x 5 ft	2000 lb (1000 kg)	830 lb
5 x 5 ft	5000 lb (2500 kg)	830 lb
5 x 5 ft	10,000 lb (5000 kg)	1,050 lb

Each scale is corner calibrated at the factory.  
Distributors must calibrate scale and indicator together.

## Standard Features

- Includes scale, hinged sub-frame, pit coping, pneumatic control box and air lines
- Rugged washdown design
- 304 stainless steel construction
- Manual, drop-in-place safety bar
- Four stainless steel, welded seal, shear beam load cells
- 20 ft of SURVIVOR® hostile environment load cell cable
- Remote TuffSeal JB4SS, stainless steel, NEMA Type 4X junction box
- Smooth, stainless steel deck
- Four adjustable, stainless steel SUREFOOT™ support feet
- Requires 85-100 psi air pressure

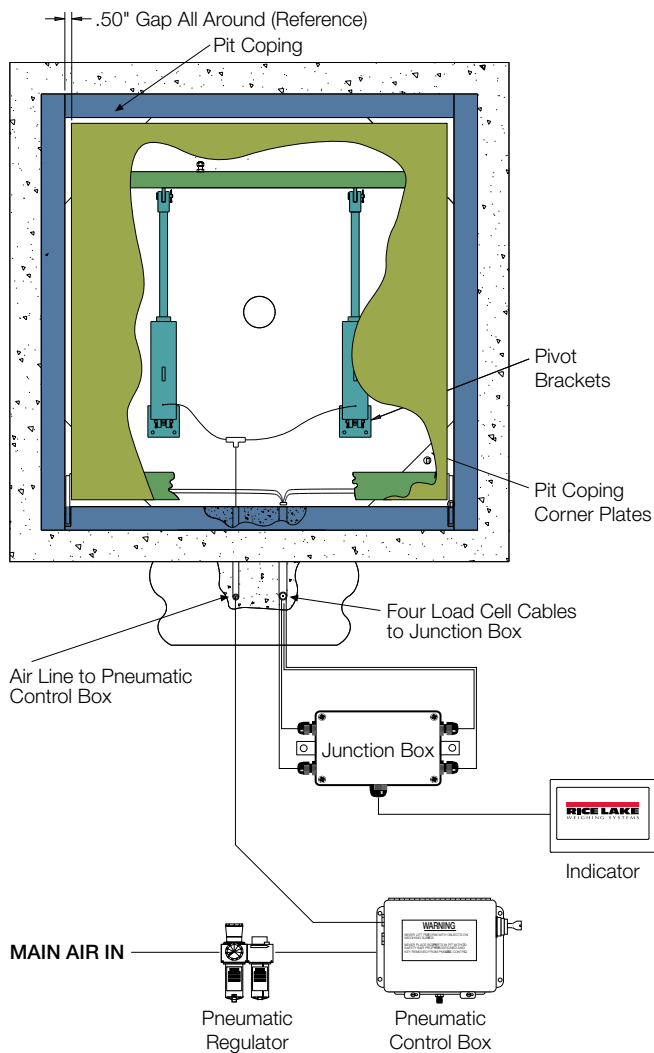
## Specifications

- End Load Capacity:** 100% full scale at 2,000lb and 5,000lb; 80% full scale at 10,000lb  
**Cable Length:** 20ft (6.1 m)  
**Welding:** Both stitch and continuous welds used; consult the factory if application requires all continuous welds  
**Threaded Eyebolt:** Hole (1/2-20NF) located in center of deck for easy lifting  
**Warranty:** AutoLift HE weldment five years, load cells two years, all other components one year

## Approvals



Choose from a versatile line of digital weight indicators.



Your Rice Lake Weighing Systems distributor is:

**RICE LAKE**  
WEIGHING SYSTEMS

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