

# RoughDeck® AX

AXLE SCALE



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

800-472-6703

[www.ricelake.com](http://www.ricelake.com)

# Ready to Weigh Anything, Anywhere

RoughDeck® AX axle scales are built using time-tested Rice Lake quality construction.

## Durability on the Spot

The RoughDeck AX system includes four on/off ramps and two diamond tread, top-plate platforms. Two tandem scale platforms provide axle capacity measurements up to 60,000 pounds. Combined with the TuffSeal® signal trim junction box and EL147HE cable, the RoughDeck AX system is the ideal solution for onsite non-Legal for Trade vehicle weighing.

## Accuracy On-Site

Axle scales are compact and can be put in service in a variety of locations—increasing site options for weighing. Rice Lake's axle scales are designed to be installed with minimal equipment and no need for a crane or poured concrete.



### Load Cell Cable Protection

Conduit lies within the channels for load cell cable routing, to help deter damage and protect components.

### Captured Ball Leveling Feet

Captured ball suspension allows for the foot to recenter after movement from loading and unloading to ensure accuracy, repeatability and side-load protection. The foot is made of carbon steel with zinc and clear chromate plating for corrosion resistance.

### TuffSeal Junction Box

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



### Platform Structure

Two tandem heavy duty scale platforms constructed with a 0.5 inch top plate and 8.0 inch structural channels. Each pad has four IP67 rated load cells.

### Load Cell and Load Cell Mounting Plate

For added protection, the four load cells are recessed within the channels and bolted to a mounting plate that is attached to the channel. The mounting plate being welded to the channel helps minimize torsion on the load cells which can cause errors.

### Ramps

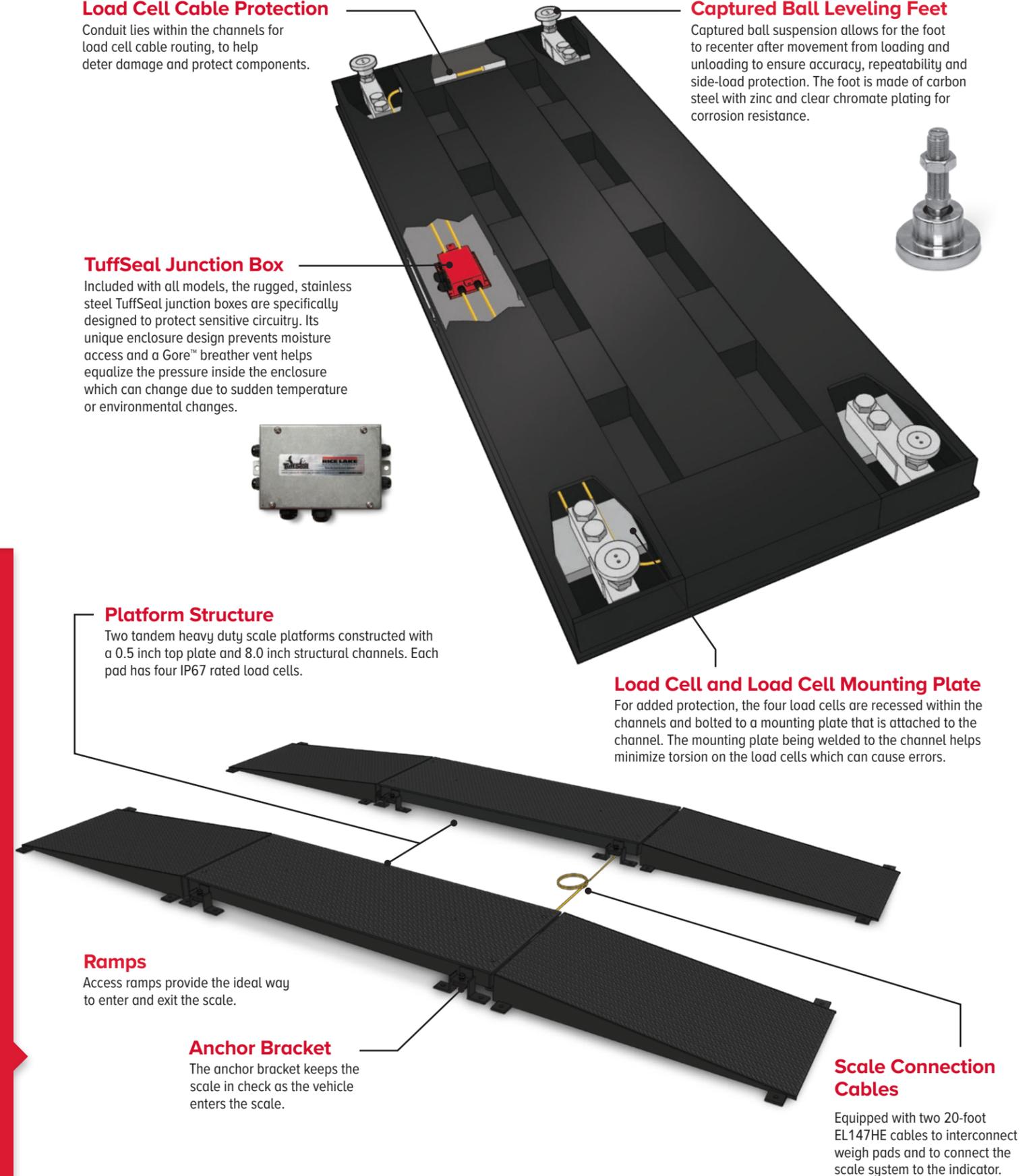
Access ramps provide the ideal way to enter and exit the scale.

### Anchor Bracket

The anchor bracket keeps the scale in check as the vehicle enters the scale.

### Scale Connection Cables

Equipped with two 20-foot EL147HE cables to interconnect weigh pads and to connect the scale system to the indicator.



# RoughDeck® AX

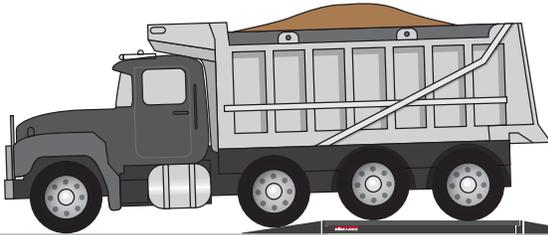
AXLE SCALE

## Accurate Weighing

When checking load weights, the RoughDeck AX scale provides a durable and consistent solution for monitoring overloaded and underloaded axles. Built tough for heavy-duty environments, Rice Lake's axle scales are the economical approach to vehicle weighing with the added benefit of long-lasting durability.

The RoughDeck AX can assist with properly managing vehicle and fleet condition.

- Prevent damage from axle overload
- Prevent profit loss from axle underload
- Avoid fines and violating road limits
- Achieve proper weight distribution



## SPECIFICATIONS

CAPACITY:	60,000 lb (30,000 lb each platform)
SCALE DIMENSIONS:	84 x 32 x 6 in (L x W x H)
RAMP DIMENSIONS:	60 x 32 x 6 in (L x W x H)
CONSTRUCTION:	Steel

## STANDARD FEATURES

- Each platform contains four environmentally sealed, IP67 20,000 lb single-ended shear beam load cells
- Treaded top plate
- Side access JB4SS TuffSeal® signal trim junction box
- Top access foot adjustment holes
- Carbon steel captured ball feet
- 20 ft EL147HE homerun cable
- Includes (2) 3/4-10 NC eye bolts for lifting
- Non-Legal for Trade

## RAMPS

- 32 x 60 x 6 in (W x L x H)
- Treaded top plate

## Available Options

Create an automated system with peripheral scale accessories, advancing safety and efficiency for heavy capacity applications. Rice Lake's 1280 Enterprise® Series weight indicator comes ready with software to make axle weighing automated. The 1280 program collects the weight data of each axle as trucks move across the scale. Stop and go lights signal to the driver when to move to the next axle. After all axles are weighed, the 1280 totals the weight and prints a ticket for the driver.



SALES AND TECHNICAL ASSISTANCE

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