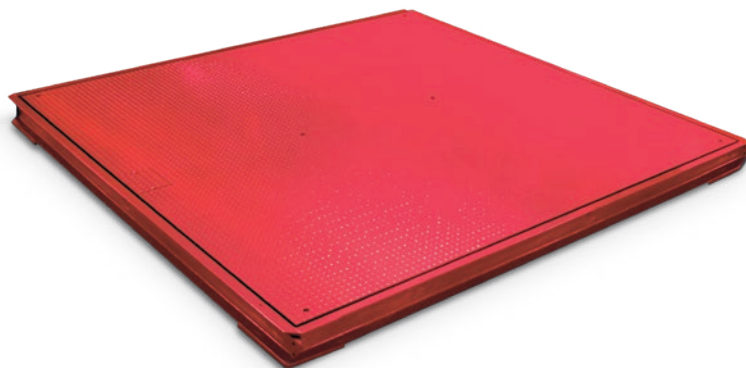


RoughDeck® AX-1

AXLE SCALE



RICE LAKE®
WEIGHING SYSTEMS

www.ricelake.com

Stack the Deck in Your Favor

RoughDeck® AX-1 double steel decks provide rugged durability in challenging places.

Designed for Durability

The RoughDeck AX-1 is designed with a top and bottom steel plate that provides structural strength creating a more rigid weighing scale—leading to more accurate weighing. With driver safety in mind, the AX-1 top plate is diamond tread and the wide, one-piece design makes it easier to drive vehicles on and off. The RoughDeck AX-1 is offered in three standard sizes with custom sizes available for unique applications.

Accuracy On-Site

Axle scales are compact and can be put in service in a variety of locations, increasing site options for weighing. If you have a location that requires a unique size, Rice Lake can create axle scales in custom sizes and capacities. The AX-1 is the perfect choice for industries that require non-Legal for Trade seasonal weighing. It can be moved and stored when not in use during the off-season.

Durable Scale Frame

The frame provides additional strength and a safe way to lift and move the scale. Foot plates on the frame ensure the AX-1 has a solid surface for accurate weighing. Top access foot adjustment holes in the top deck make it easy to achieve a level weighing surface after the scale has been placed.



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.



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.

Load Cell and Cable Protection

Load cell and cable protection are recessed within the channels, and conduit lies within the channels to deter rodent damage and help protect components from rough handling.

Platform Structure

Top and bottom steel plates provide superior structural integrity.

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.

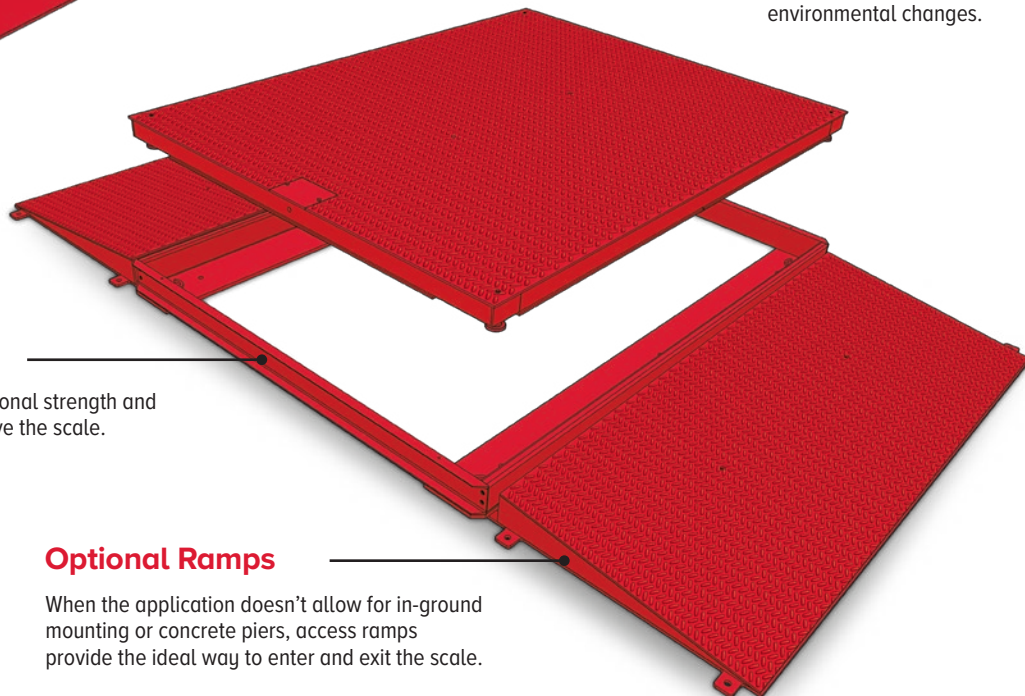


Scale Frame

The frame provides additional strength and a safe way to lift and move the scale.

Optional Ramps

When the application doesn't allow for in-ground mounting or concrete piers, access ramps provide the ideal way to enter and exit the scale.



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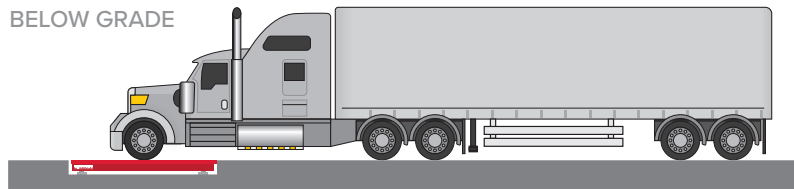
Accurate Weighing

When checking load weights, Rice Lake's AX-1 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-1 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

BELOW GRADE



WITH RAMPS



SPECIFICATIONS

CAPACITY:	50,000 lb
SCALE DIMENSIONS:	90 x 115 x 6 in (L x W x H) 114 x 115 x 6 in 138 x 115 x 6 in
RAMP DIMENSIONS:	120 x 48 x 6 in (L x W x H)
CONSTRUCTION:	Steel

STANDARD FEATURES

- Platform contains four environmentally sealed, IP67, 20,000 lb single-ended, shear beam load cells with over braid cable for rodent protection
- Treaded top plate
- Top access JB4SS TuffSeal™ signal trim junction box
- Top access foot adjustment holes
- Carbon steel captured ball feet
- 20 ft EL147HE cable
- Includes (2) 1-8 NC eye bolts for lifting
- Non-Legal for Trade

OPTIONS

- Scale frame
- Ramps

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.



LaserLight2

1280 Indicator

SALES AND TECHNICAL ASSISTANCE

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