



WE PROVIDE  
**SOLUTIONS**





# Worldwide Solutions in Weighing and Dimensioning

Around the world, commerce depends on weight. Every industry uses scales; whether to measure product quantities, control processes, maintain quality or transport items, weight plays a critical role in global trade.

Rice Lake Weighing Systems' products are used everywhere. Our truck and rail scales weigh goods being transported, indicators control sophisticated weight-based routines, calibration weights certify equipment, health scales weigh patients in care and hospital environments, dimensioning devices measure incoming and outgoing parcel and freight shipments...and much more!

Since 1946, Rice Lake Weighing Systems has specialized in providing expert service and solutions to our customers. Today, we provide weighing and dimensioning solutions for an infinite array of measurement and automated process control applications. Rice Lake is renowned for legendary customer service and innovative, high-quality solutions, which help businesses around the world achieve new levels.





# Industry SOLUTIONS

AGGREGATE  
AGRICULTURE  
AVIATION  
CARGO  
CHEMICAL  
COMMERCIAL FISHING  
CONSTRUCTION  
ENERGY  
FOOD PROCESSING  
FORESTRY  
GROCERY & FOOD SERVICE  
HEALTHCARE  
LOGISTICS & TRANSPORTATION  
MANUFACTURING  
PHARMACEUTICAL  
SCRAP & RECYCLING  
WASTE & REFUSE

# It Begins with the Customer

Founded in 1946 in Rice Lake, Wisconsin, USA, Rice Lake Weighing Systems began as a scale service business, selling, installing and servicing weighing equipment for a variety of customers including farms, dairies and local manufacturers. This foundation of customer service defines the company philosophy,

***“Take care of the customer  
and the rest of the business will take care of itself.”***

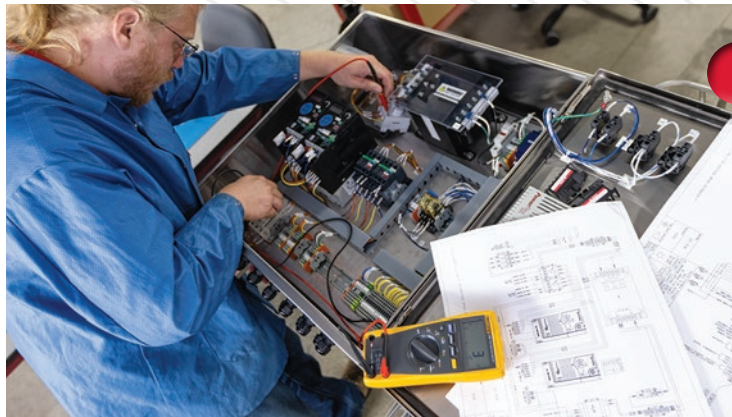
Through the next several decades, Rice Lake Weighing Systems grew to service the American scale industry through a first-of-its-kind mail order refurbishing initiative for mechanical scale parts. The promotion began Rice Lake’s reputation for quick service, quality products and expert customer support. With this philosophy as Rice Lake’s foundation, the company steadily grew. A metrology lab was added to offer nationwide calibration service and a manufacturing facility was constructed for Rice Lake to begin developing its own products.

With a focus on quality solutions and unmatched customer service, Rice Lake Weighing Systems continues to grow. The company has an extensive worldwide presence and offers a committed dealer network and wide range of weighing and dimensioning solutions of every industry on Earth. With a focus on cutting-edge technology and innovative solutions, Rice Lake is synonymous with quality, durability and accuracy.





Innovative  
**SOLUTIONS**



# Ready for Your Business

Rice Lake's staff includes highly experienced and dedicated weighing experts. With service and manufacturing facilities across North, Central and South America, Europe, Asia, Africa and Oceania, Rice Lake serves customers around the globe with quality products and legendary support. Through our growth and innovation, we are ready to assist you with solutions to meet any need, any time, at any location.





Worldwide  
**SOLUTIONS**



*When a standard product does not meet the needs of your business, Rice Lake can create customized solutions to solve any weight- or dimension-based requirement.*

# We Provide Solutions Beyond Scales

Because you have unique needs, Rice Lake offers the industry's largest selection of products, providing an infinite array of configurations to meet any requirement. Our experts have years of experience in the weights and measurement industry, using the latest technologies to bring the world's best weighing equipment to you.

Agriculture & Livestock Scales

Bench & Floor Scales

Belt Scales

Calibration Weights & Services

Digital Weight Indicators & Controllers

Dimensioning Systems

Forklift & Mobile Weighing

In-motion Weighing

Load Cells & Weigh Modules

Medical & Health Scales

Overhead Weighing

Precision Scales & Balances

Retail Scales & Wrappers

Software & Accessories

Vehicle Scales & Weighbridges



Custom  
**SOLUTIONS**

“One person can now run that packaging line without worrying about keeping an eye on the scale’s digital readout or scooping product in and out. They are free to allow the system to fill, build a few totes ahead of schedule, and come back when it’s done.”

Production Manager



Food Manufacturing



### The Challenge:

*A pasta manufacturer needed to improve packaging efficiency. They had been manually filling containers, which caused delays, quality concerns and overfill.*

### The Solution:

*The 920i® FlexWeigh was the ideal solution to automating pasta processes. The first 920i FlexWeigh automatically fills totes and containers to a preset weight, preventing former packaging delays. A second FlexWeigh system paired with BenchMark® bench scales was installed on the custom pasta production line to control small box fills. Additionally, multiple load cells were installed on semolina silos to ensure accurate batching and track material usage.*

*Eight 920i FlexWeigh Systems with 24-channel I/O and Ethernet outputs*

*BenchMark Bench Scales*

*RL30000 Load Cells*

*SCT-20 Signal Conditioning Transmitter*



920i FlexWeigh

1280 Indicator Controller

3590EGT Indicator

## Digital Weight Indicators & Controllers

Rice Lake's family of weight indicators and scale controllers has it all, from simple weight monitors to complex control equipment that can automate the entire process. No matter the requirement, Rice Lake offers weight indicators for every industry.

## Load Cells

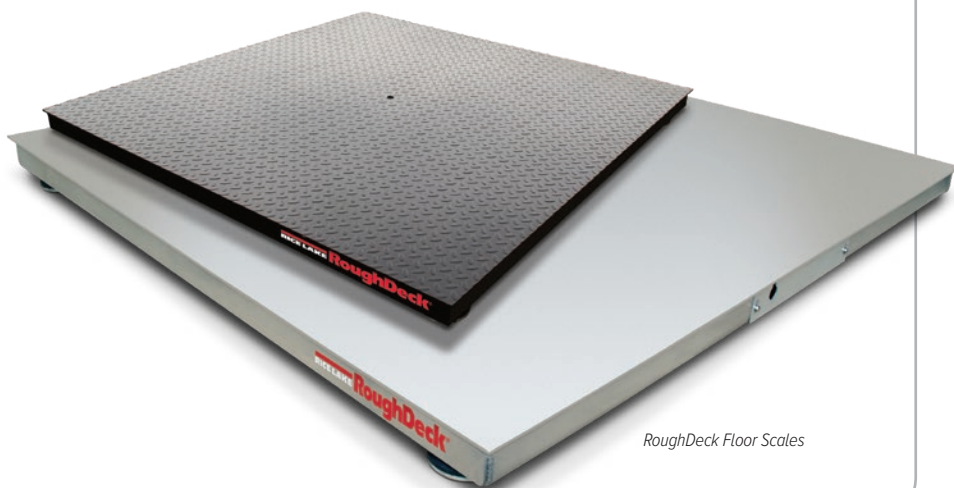
Whether a load cell is needed for a new application or a replacement, there's a Rice Lake solution to meet any requirement. Expert customer service representatives can help select the best load cell for an application, from tank and hopper weighing to bulk material management and everything in between.



RL30000 Load Cell

## Bench & Floor Scales

For mobility and convenience, bench scales offer ideal features that are adaptable to a wide range of applications. Rice Lake's diverse industrial bench scale selection offers a product for almost any conceivable capacity or requirement. Rice Lake floor scales carry the durable reputation and strength of the RoughDeck® name. Whether it's animals, steel, pallets, people or semi trucks, Rice Lake has a floor scale to fit any need.



RoughDeck Floor Scales

“We doubled sales in our peak season and were able to handle all the shipping without adding staff. I don’t know how we could have done that without this system.”

Company President



Logistics & Transportation



### The Challenge:

*LightBulbs.com needed a simpler, faster way to record package dimensions and weight before comparing carrier shipping rates and confirming service.*

### The Solution:

*To boost efficiency, LightBulbs.com chose iDimension® parcel dimensioning systems paired with BenchPro™ bench scales. They were able to reduce six shipping work stations to two, while processing more packages. The package dimensions and weight are electronically linked to the package barcode, so a warehouse employee can scan the package into shipping software that instantly compares carrier rates, empowering LightBulbs.com to select the best option.*

*iDimension Parcel Dimensioning Systems*

*Logistyx Ship-IT™ Software*

*Zebra Scanners and Printers*

*BenchPro Bench Scales*



*iDimension Flex Series*

*iDimension Plus Series*

## Dimensioning Systems

Rice Lake's iDimension Series captures images of packages, flats, poly bags, tubes and irregular shaped items in record time to calculate the dimensions of your packages for shipment. iDimension pallet dimensioners with Stop & Go streamline pallet processing by capturing measurements without forklift operators dropping the pallet or removing forklift tines. The iDimension Series provides carriers with the dimensions and weight of pallets and packages in less than a second.



*iDimension LTL Series*

## Forklift & Mobile Weighing

Eliminate the need for extra steps in your material handling process. Instead of bringing product to the scale, bring the scale directly to the product. Rice Lake's forklift and pallet truck scales increase efficiency for material handling operations by allowing you to weigh and transport product with the same equipment.



*TPWLKP Pallet Truck Scale*



*CLS Series Forklift Scale*

“The operators love how easy it is to clean these floor scales. The process is hygienic because they can thoroughly clean every scale.”

Regional Sales Director



Food Processing



### The Challenge:

*Food manufacturer LALA must maintain the highest level of sanitation in their production areas to prevent contamination and ensure they are providing high-quality products.*

### The Solution:

*LALA installed RoughDeck® QC-X extreme clean floor scales throughout their pork production area to capture accurate weights and ensure quality products. The first QC-X was installed in the receiving room to weigh pallets of pork as they enter the facility. A second QC-X weighs totes of pork before entering cold storage. Two more QC-X floor scales are installed near the processing equipment to ensure product quality.*

*RoughDeck QC-X Extreme Clean Floor Scales*

*480 Legend Series Digital Weight Indicators*



*CW-90X Static Checkweigher*

*TE HYGIENX™ Single-cell Platform*

## Washdown

Rice Lake has a full line of measurement equipment designed to meet the rigorous demands and cleaning needs of hygienic washdown environments. Choose from a range of platform scales and balances for applications requiring sanitary conditions, including food and chemical processing facilities, laboratories and medical environments.

## In-motion Weighing

Keep production moving with Rice Lake's wide selection of durable, in-motion scale systems. MotoWeigh® in-motion weighing and metal detection systems offer a broad selection of features and options to maximize efficiency.



*MotoWeigh In-motion Checkweigher  
and Metal Detector*

“With the SURVIVOR, I’m able to provide a higher level of customer service. My efficiency is through the roof. I drove my payroll down. It’s a win all the way around!”

Warehouse Coordinator



Agriculture



### The Challenge:

*A to Z Wineworks needed to modernize their harvest weighing processes to keep up with demand for their Pinot Noir.*

### The Solution:

*With a SURVIVOR® OTR truck scale, A to Z Wineworks is able to weigh entire truckloads of grapes at once, instead of weighing pallets individually on floor scales.*

*SURVIVOR OTR Truck Scale*

*720i Digital Weight Indicator*

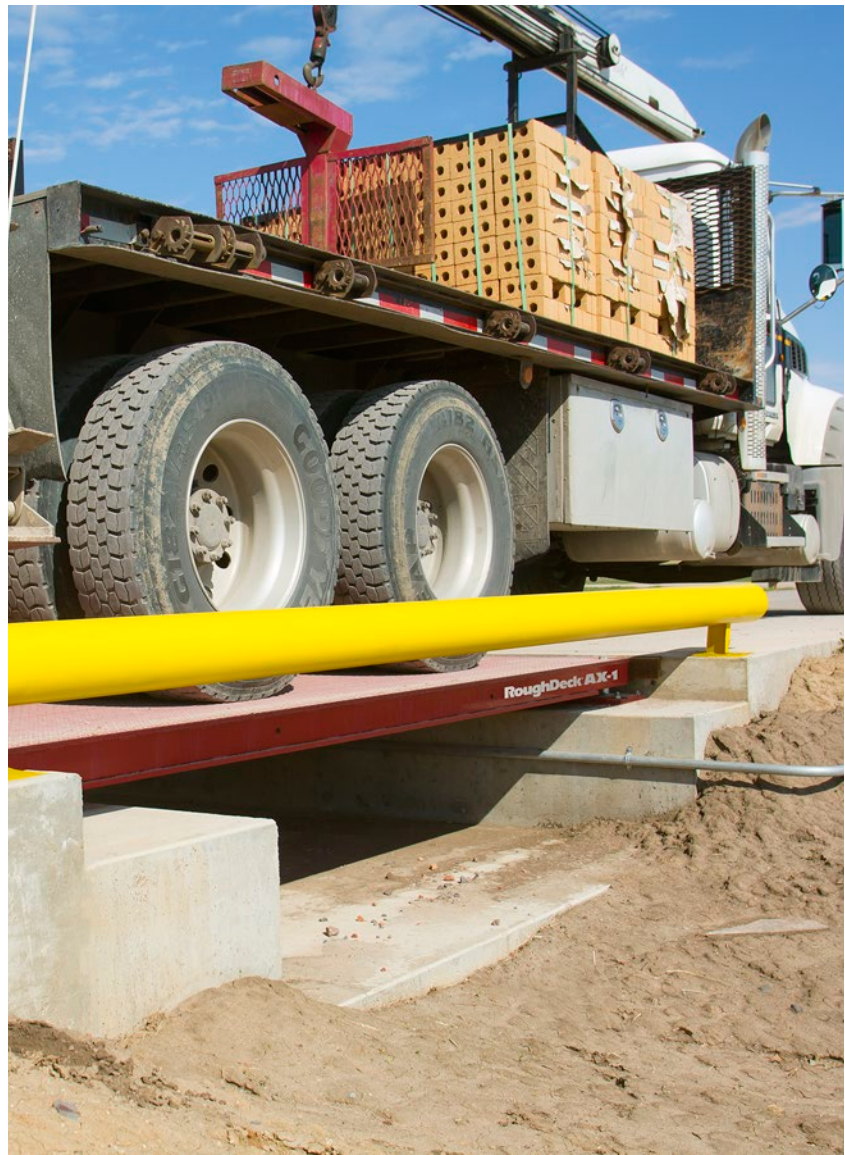


## Vehicle Scales & Weighbridges

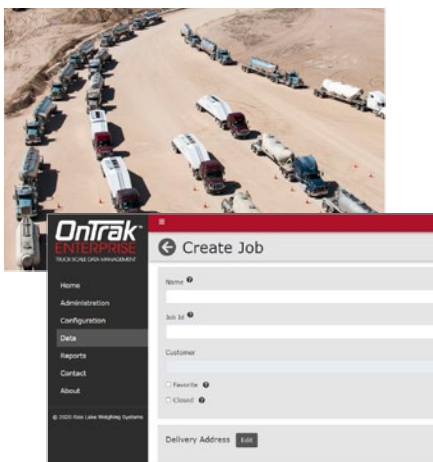
Rice Lake Weighing Systems' vehicle scales are built tough, start to finish. Designed for durable performance, SURVIVOR truck scales provide extreme reliability under the most demanding conditions.

## Truck Scale Management Software

OnTrak® effectively manages truck scale data including customer, hauler, transaction, product and more. Use OnTrak Enterprise to enable web server capabilities and access truck scale data on PCs or handheld devices from anywhere.



*RoughDeck AX-1 Axle Scale*



*Portable Vehicle  
Axle Weighing Kit*



“It met ATEX Zone 22 requirements and Master weight belt feeders maintain a consistent flow of material—ideal for applications striving for the highest possible product quality. I was very impressed with the stainless-steel construction and overall capabilities. I knew it would be an accurate, long-lasting solution for the customer.”

Software Engineer



Food Processing



### The Challenge:

*A production company in Colombia contacted Básculas Mauri seeking an automated weighing system to monitor flour in a batching application. Because flour dust can be more explosive than gunpowder, the weighing system also needed to be approved for hazardous environments.*

### The Solution:

*Básculas Mauri installed a Master™ belt scale and weigh belt feeder approved for use in ATEX Zone 22 dust zones to monitor flour flow rate and ensure product quality. The first belt scale is a Legal for Trade system that weighs material as it is offloaded from ships to calculate tax fees. The flour is then weighed on the weigh belt feeder where the data is captured and communicated to the rest of the automated system, ensuring product quality.*

*Weight Belt Feeder Approved for ATEX Zone 22*



BS14X Belt Scale

## Belt Scales

Rice Lake's Master belt scales are ideal for quickly moving and weighing bulk material in a variety of industries, including mining, quarries, bulk material blending, process control, and truck, barge or rail load-out applications. High-quality weigh frames and components ensure systems are operating efficiently and providing an accurate weight output. Keep your production moving with Rice Lake's wide selection of durable, in-motion belt scale systems.

## Belt Scale Components

Rice Lake provides instrumentation specifically designed for belt scales to keep your system running smoothly. High-quality speed sensors and belt scale integrators offer reliable speed and weight data that can be easily transferred to computers or printers for accurate material records.



WE503 Indicator



882D Belt Scale Integrator



“We saw an opportunity to leverage VIRTUlink on our 1,000-, 2,000- and 5,000-gallon tanks to see how our load cells were performing in real-time. It turned out to be a game-changer that helped all groups involved.”

Pharmaceutical Project Engineer



Pharmaceutical



## The Challenge:

*TriRX wanted to increase production responsiveness and remotely monitor scale data.*

## The Solution:

*The VIRTUlink™ IoT gateway system and web application were interfaced with load cells on large-capacity tanks and the iQUBE<sup>2</sup>® digital junction box. With the ability to review system alerts, troubleshooting was streamlined and efficiency boosted.*

*VIRTUlink IoT Gateway System*

*Web Application*

*Load Cells Mounted on Large-capacity Tanks*

*iQUBE<sup>2</sup> Digital Junction Box*



iQUBE Series Digital Junction Box

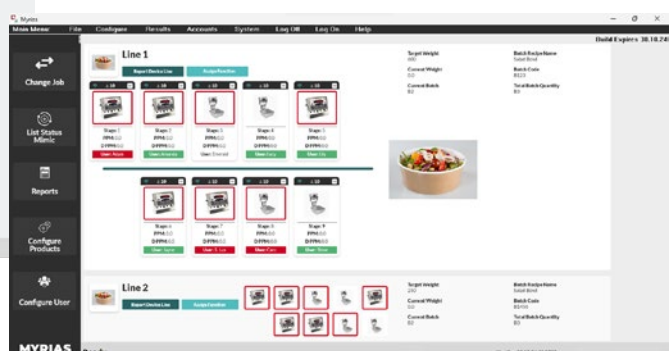
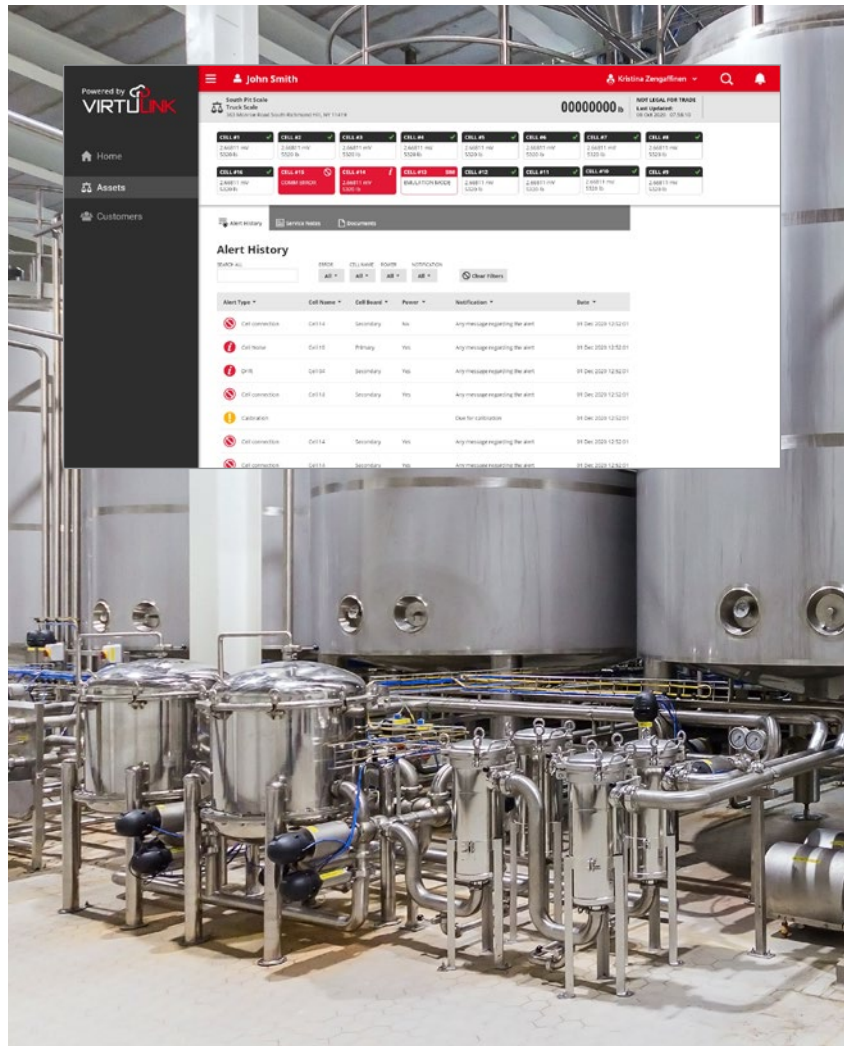
VIRTUlink IoT Gateway

## Digital Diagnostics & Scale Monitoring

Rice Lake's digital diagnostic solutions continuously analyze load cell performance to minimize scale downtime. Through intelligent monitoring, facilities can accurately identify load cell errors, view diagnostics remotely and receive fault alerts.

## Resource Management Software

By integrating weighing system data, Myrias® software provides full process control, monitoring and automation for a variety of business operations. Because Myrias is a modular software, each facility can customize their system to achieve product and material traceability, live reporting, regulatory compliance and more.



“Rice Lake’s metrology staff have more than 200 years of combined experience in the metrology field. This expertise and dedication to quality craftsmanship make Rice Lake calibration weights the premier brand in the industry.”

Calibration Weight Lab Director



*Test Weights*





## Calibration Weights & Services

Rice Lake's three metrology labs bring service, expansive calibration offerings and industry-leading metrology experts—all with leading calibration turnaround time. Rice Lake manufactures calibration weights in a variety of configurations, including slotted weights, grip handle weights, nesting slab weights and more. We also manufacture custom calibration weight values and sizes.

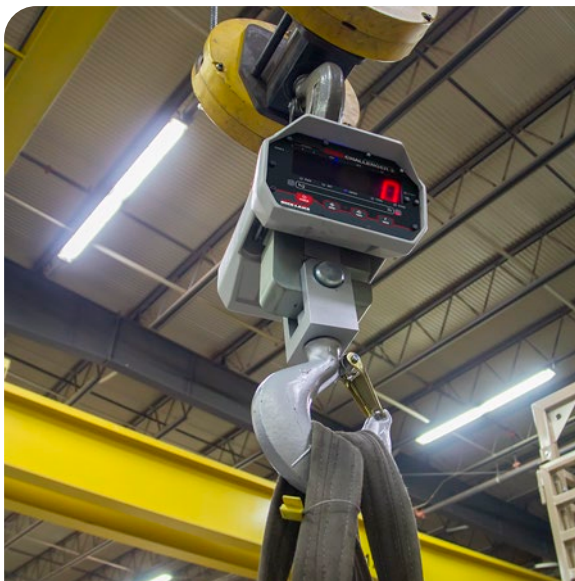
- Calibration Services
- OIML Precision Laboratory
- ASTM Precision Laboratory
- ASTM Electronic Balance
- ASTM Field Weights
- Specialty Weights
- Cast Iron Weights
- Accessories and Cases



## Precision Scales & Balances

Rice Lake's range of mono-metal tuning fork balances offer improved sensitivity and stabilization time while promoting accuracy and precision.





## Overhead Weighing

Rice Lake's line of overhead weighing systems offers a comprehensive selection of quality weighing devices from MSI tension dynamometers and crane scales, to suspended dial and electronic scales, to portable and permanent monorail scales. Rice Lake has a variety of reliable, accurate overhead weighing solutions no matter the industry or application need.



## Health Scales

Rice Lake's complete line of OIML Class III Healthweigh® scales provides efficiency, safety, and durability in long-term care and hospital environments—from pediatric weighing to scales designed for wheelchairs and patient beds.





## Agriculture & Livestock Scales

Rice Lake has tailored some of our most durable products for the specific needs of the farming and ranching industries. Our livestock scales are perfectly suited for the toughest jobs around, whether weighing multiple animals or a single animal, or for mobile, portable or stationary livestock weighing.



## Retail Scales & Wrappers

Rice Lake's retail scales and wrappers are made to accommodate a diverse range of retail operations and environments—whether in the grocery, convenience store, floral or any point-of-sale industry. Rice Lake's retail solutions offer everything you need to take products from behind the scenes to the customer's hands.



# Solutions Made for You

With seven manufacturing locations around the globe, Rice Lake can build any custom solution: custom size, shape, color, capacity, software or even design help. With weighing and process control experts on staff, Rice Lake is home to the latest in manufacturing technology, ready to create a solution for your business—what you need, exactly how you need it. Partner with Rice Lake to tailor a personalized, innovative product for your application.



Measurement  
Canada  
Approved



**ISO**  
9001:13485  
9001:17025



## Certifications and Accreditations

The Rice Lake Weighing Systems family of companies is world-renowned for delivering the highest standard of products in the industry. Our commitment to quality is upheld by strict requirements endorsed by third-party organizations to ensure the quality and capabilities of applicable products. Among these certifications are NTEP and OIML Legal for Trade, which allow the sale of goods based on weight, ATEX EX and NEPSI, which confirm products' safe usage in explosive or hazardous environments, and many others.

# A Measurable Difference Through Social Responsibility

At Rice Lake Weighing Systems, there's more to our company than just business. We are thoughtful in our business actions—a dedication to be socially responsible with high standards of ethics and professionalism. Our business relationships and actions are carefully considered through proactive policies, and we take steps to ensure Rice Lake's entire family of companies protect human rights and the environment.

*Read more about our responsibility policy at  
[ricelake.com/corporate-social-responsibility](https://ricelake.com/corporate-social-responsibility)*



# **RICE LAKE®**

## WEIGHING SYSTEMS

We Provide Solutions

### **CORPORATE HEADQUARTERS**

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Corporate Headquarters  
**RICE LAKE, WISCONSIN**

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Fernley, Nevada  
Kent, Washington  
Concord, California  
Charlestown, Massachusetts  
Monterrey, Mexico

### **EUROPE**

Modena, Italy  
Milan, Italy  
Farnham, United Kingdom  
Heteren, The Netherlands  
Paris, France  
Barcelona, Spain

### **AFRICA**

Tangier, Morocco

### **ASIA**

Shanghai, China  
Chennai, India  
Indore, India

### **OCEANIA**

Sydney, Australia