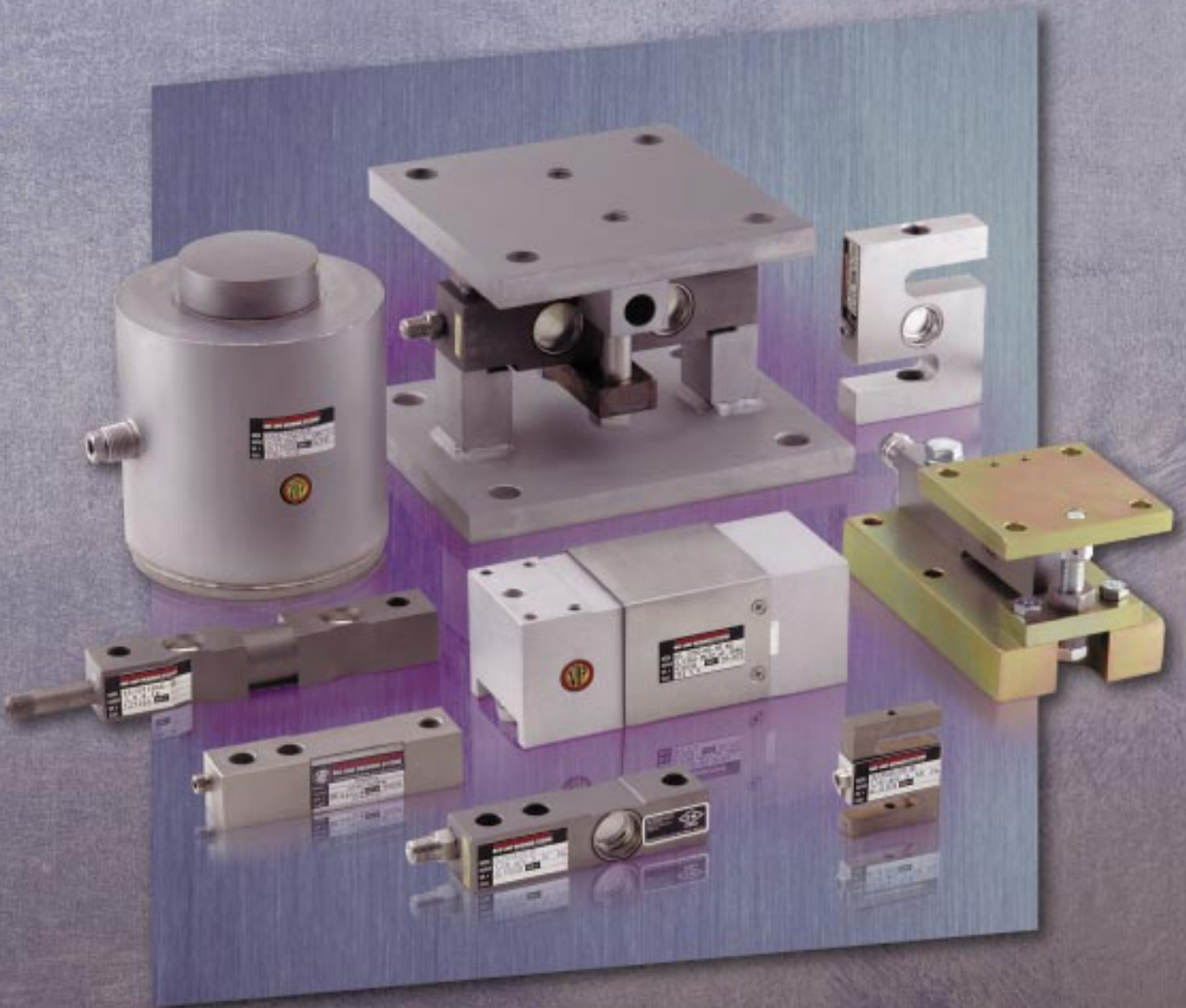


LOAD CELLS & WEIGH MODULES



RICE LAKE WEIGHING SYSTEMS
Industrial Solutions on a Global Scale®

LOAD CELLS & WEIGH MODULES

WE UNDERSTAND WHAT YOU NEED IN A LOAD CELL SUPPLIER...

Over 50 years of experience and knowledgeable applications specialists allow us to offer the most advanced strain gauge solutions available.

TOUGH, ACCURATE LOAD CELLS...

From general purpose weighing to hostile environment applications, we provide durable, accurate load cells to meet your specific needs.

- Capacities from 7 lb to 200,000 lb (3 kg - 90,718.5 kg)
- NTEP and OIML certifications
- FM approvals
- Impressive International Protection (IP) ratings
- Hermetic and environmental sealing available

A COMPREHENSIVE LINE OF WEIGH MODULES...

Models for low- to heavy-capacity process control, vessel weighing, and much more.

- Capacities from 11 lb to 200,000 lb (5 kg - 90,718.5 kg)
- Available in alloy steel, stainless steel, and cast iron
- Neoprene isolation/compression mounts available
- Self-checking, easy-to-use designs
- Lift-off, tip-over, and overload protection

PLUS THE BEST CUSTOMER SERVICE IN THE INDUSTRY!

That's what you can expect from Rice Lake Weighing Systems. For your convenience, we not only offer the most comprehensive line of load cells, we keep them in stock. In fact, we maintain an industry-leading 95% or greater same-day shipment ratio. In addition, our National Load Cell Service Center provides fast, free evaluations and guaranteed repairs on all major brands.



SINGLE-ENDED BEAMS

RL30000



Capacities: NTEP:
1000 - 10,000 lb
453.6 - 4535.9 kg
Non-NTEP:
250 - 20,000 lb
113.4 - 9071.9 kg

Applications: Low-profile scales and process applications

Full Scale Output: 3.0 mV/V

Bridge Resistance: 350 ohms, nominal

Material/Finish: High-alloy steel, nickel plated

Seal Type: Environmentally protected

RL35023S



Capacities: 1000 - 10,000 lb
453.6 - 4535.9 kg

Applications: Low-profile scales and process applications

Full Scale Output: 3.0 mV/V

Bridge Resistance: 350 ohms, nominal

Material/Finish: Stainless steel

Seal Type: Environmentally protected

RL35083



Capacities: 1000 - 10,000 lb
453.6 - 4535.9 kg

Applications: Hostile environment applications typical of food and chemical processing

Full Scale Output: 3.0 mV/V

Bridge Resistance: 350 ohms, nominal

Material/Finish: Stainless steel

Seal Type: Hermetically-sealed strain gauge, IP67

RL35082



Capacities: 1000 - 10,000 lb
453.6 - 4535.9 kg

Applications: Hostile environment applications typical of food and chemical processing

Full Scale Output: 2.0 mV/V

Bridge Resistance: 350 ohms, nominal

Material/Finish: Stainless steel

Seal Type: Hermetically-sealed strain gauge, IP67 (IP66/68 available)

RLHTO



Capacities: 1102.3 - 11,023.1 lb
500 - 5000 kg

Applications: Low-profile platforms, pallet truck weighers, tanks and silos

Full Scale Output: 2.0 mV/V

Bridge Resistance: 350 ohms, nominal

Material/Finish: Stainless steel

Seal Type: Hermetically sealed, IP66/68

RL30745



Capacities: 1000 - 10,000 lb
453.6 - 4536 kg

Applications: Replacement for Toledo® Flexmount load cells

Full Scale Output: 2.0 mV/V

Bridge Resistance: 350 ohms, nominal

Material/Finish: Stainless steel

Seal Type: Hermetically sealed, IP67

RLMK15



Capacities: 1000 - 2500 lb
453.6 - 1134.0 kg

Applications: Replacement for NCI®/Weigh-Tronix® Mark 15 floor scale load cell

Full Scale Output: 3.0 mV/V

Bridge Resistance: 350 ohms, nominal

Material/Finish: Alloy steel

Seal Type: Environmentally protected

RL7500SS



Capacities: 1250 - 37,500 lb
567.0 - 17,009.7 kg

Applications: Replacement for Weigh-Tronix® Weighbar

Full Scale Output: 2.0 mV/V

Bridge Resistance: 350 ohms, nominal

Material/Finish: Stainless steel

Seal Type: Environmentally protected

RL32155



Capacities: 500 - 2000 lb
226.8 - 907.2 kg

Applications: Replacement for Toledo® 2155 and 2885 load cells

Full Scale Output: 2.0 mV/V

Bridge Resistance: 440 ohms, nominal

Material/Finish: Stainless steel

Seal Type: Environmentally protected

RLSB2

Capacities: 1000 - 45,000 lb
453.6 - 20,411.7 kg

Applications: Replacement for Masstron® cells

Full Scale Output: 2.0 mV/V ± 0.07%

Bridge Resistance: 350 ohms, nominal

Material/Finish: High-alloy steel, epoxy coated

Seal Type: Environmentally protected; 35,000 lb & 45,000 lb hermetically sealed, IP66

RLSB2L/RLSB2M



Capacities: 1000 - 45,000 lb
453.6 - 20,411.7 kg

Applications: Replacement for Masstron® cells

Full Scale Output: 2.0 mV/V ± 0.07% (Matched)

Bridge Resistance: 350 ohms, nominal (RLSB2L)
2000 ohms (RLSB2M)

Material/Finish: Stainless steel, 1000-10,000 lb High-alloy steel, epoxy coated, 20,000-45,000 lb

Seal Type: Environmentally protected; 35,000 & 45,000 lb hermetically sealed, IP67

RL40BBS

Capacities: 50 - 2500 lb
22.7 - 1134.0 kg

Applications: Precision force and weight measurement

Full Scale Output: 2.0 mV/V

Bridge Resistance: 750 ohms, nominal, 50-1000 lb
347 ohms, nominal, 2500 lb

Material/Finish: High-alloy steel, nickel plated

Seal Type: Environmentally protected with neoprene sleeve

RL50210



Capacities: 25 - 500 lb
11.3 - 226.8 kg

Applications: Tension- or compression-loading applications

Full Scale Output: 3.0 mV/V

Bridge Resistance: 350 ohms, nominal

Material/Finish: High-alloy steel, nickel plated

Seal Type: Environmentally protected with neoprene sleeve

RLHBB



Capacities: 11 - 1102.3 lb
5 - 500 kg

Applications: Low-profile platforms, weighing and packing machines, electro-mechanical conversions and general-purpose weighing

Full Scale Output: 2.0 mV/V

Bridge Resistance: 350 ohms, nominal

Material/Finish: Stainless steel

Seal Type: Hermetically sealed, IP68

RLBEAM

Capacities: 2250 - 45,000 lb
1020.6 - 20,411.7 kg

Applications: Replacement for BLH® KIS beam

Full Scale Output: 2.0 mV/V

Bridge Resistance: 350 ohms, nominal

Material/Finish: Stainless steel

Seal Type: Hermetically sealed

RLSSB



Capacities: 1000 - 10,000 lb
453.6 - 4535.9 kg

Applications: Platform scales, materials testing, and process weighing

Full Scale Output: 2.0 mV/V

Bridge Resistance: 350 ohms, nominal

Material/Finish: Stainless steel

Seal Type: Hermetically sealed

RLSB250



Capacities: 2500 lb
1134.0 kg

Applications: Interchangeable with Cardinal® SB2500

Full Scale Output: 2.0 mV/V

Bridge Resistance: 350 ohms, nominal

Material/Finish: Stainless steel

Seal Type: Hermetically sealed

RL2TB



Capacities: 1102.3 - 11,023.1 lb
500 - 5000 kg

Applications: Low-profile platforms, tanks and silos

Full Scale Output: 3.0 mV/V

Bridge Resistance: 350 ohms, nominal

Material/Finish: High-alloy steel

Seal Type: Environmentally sealed



Metric Envelope

Metric Envelope

Metric Envelope

DOUBLE-ENDED BEAMS

RL70000/RL70000SS



(RL70000 only)



Capacities: RL70000: 5000 - 100,000 lb
2268 - 45,359.2 kg
RL70000SS: 5000 - 150,000 lb
2268 - 68,038.9 kg

Applications: RL70000: Truck, tank and hopper applications
RL70000SS: Truck, tank and process weighing

Full Scale Output: 3.0 mV/V

Bridge Resistance: 700 ohms, nominal

Material/Finish: RL70000: High-alloy steel, nickel plated
RL70000SS: Stainless steel

Seal Type: Environmentally protected

RL71000HE



Capacities: 5000 - 60,000 lb
2268 - 27,216 kg

Applications: Replacement for RL70000SS or RT1® 9103

Full Scale Output: 3.0 mV/V

Bridge Resistance: 700 ohms, nominal

Material/Finish: Stainless steel

Seal Type: Hermetically sealed, IP66/68

RL75016/RL75016SS



Capacities: 1000 - 75,000 lb
453.6 - 34,019.4 kg

Applications: Tank and hopper applications

Full Scale Output: 3.0 mV/V

Bridge Resistance: 700 ohms, nominal

Material/Finish: RL75016: High-alloy steel, nickel plated
RL75016SS: Stainless steel

Seal Type: Environmentally protected

RL75016HE



Capacities: 1000 - 25,000 lb
453.6 - 11,339.8 kg

Applications: Tank and hopper applications

Full Scale Output: 3.0 mV/V

Bridge Resistance: 700 ohms with voltage applied (1000, 2500, 10,000 & 15,000 lb)
700 ohms nominal (5000 & 25,000 lb)

Material/Finish: Stainless steel

Seal Type: Hermetically sealed, IP66/68

RL75060S



Capacities: 20,000 - 75,000 lb
9071.9 - 34,019.4 kg

Applications: High-capacity process measurement and control; vehicle weighing in hostile environments

Full Scale Output: 3.0 mV/V

Bridge Resistance: 700 ohms, nominal

Material/Finish: Stainless steel

Seal Type: Hermetically sealed, IP67

RL75058



Capacities: 20,000 - 125,000 lb
9071.9 - 56,699.1 kg

Applications: Center link loading and compatibility with the Unilink or similar suspension systems

Full Scale Output: 3.0 mV/V

Bridge Resistance: 700 ohms, nominal

Material/Finish: High-alloy steel, nickel plated

Seal Type: Environmentally protected

RL75040A



Capacities: 25,000 - 125,000 lb
11,339.8 - 56,699.1 kg

Applications: Center mounting and double link loading, compatible with Unilink/Translink suspension up to 75,000 lb

Full Scale Output: 3.0 mV/V

Bridge Resistance: 700 ohms, nominal

Material/Finish: High-alloy steel, nickel plated

Seal Type: Environmentally protected

RL75223



Capacities: 50,000 - 100,000 lb
22,679.6 - 45,359.2 kg

Applications: Low-profile truck and track scales in harsh environments

Full Scale Output: 3.0 mV/V

Bridge Resistance: 700 ohms, nominal

Material/Finish: High-alloy steel, nickel plated

Seal Type: Hermetically-sealed strain gauge, IP67

SINGLE POINTS

RL1010



Capacities: 6.6 - 198.4 lb
3 - 90 kg

Applications: Platform scales

Full Scale Output: 2.0 mV/V

Bridge Resistance: 350 ohms, nominal

Material/Finish: Anodized aluminum

Seal Type: Potted and unpotted models

RL1042



Capacities: 2.2 - 220.5 lb
1 - 100 kg

Applications: Weighing platforms, and low-capacity beams

Full Scale Output: 2.0 mV/V

Bridge Resistance: 350 ohms, nominal

Material/Finish: Aluminum

Seal Type: Environmentally protected, potted and unpotted

RL1140



Capacities: 33.1 - 330.7 lb
15 - 150 kg

Applications: Weighing platforms, hanging scales, and low-capacity beams

Full Scale Output: 2.0 mV/V

Bridge Resistance: 350 ohms, nominal

Material/Finish: Stainless steel

Seal Type: Environmentally protected, potted

RL1250



Capacities: 110.2 - 2204.6 lb
50 - 1000 kg

Applications: Weighing platforms

Full Scale Output: 2.0 mV/V

Bridge Resistance: 350 ohms, nominal

Material/Finish: Anodized aluminum

Seal Type: Environmentally protected, potted

RL1260



Capacities: 110.2-1400 lb
50 - 635 kg

Applications: Weighing platforms

Full Scale Output: 2.0 mV/V

Bridge Resistance: 350 ohms, nominal

Material/Finish: Aluminum

Seal Type: Environmentally protected

RLMK4



Capacities: 10 - 100 lb
4.5 - 45.3 kg

Applications: Interchangeable with NCI® MK4

Full Scale Output: 2.0 mV/V

Bridge Resistance: 350 ohms, nominal

Material/Finish: Alloy steel or stainless steel

Seal Type: Environmentally protected

RL1521A



Capacities: NTEP:
6.6 - 66.2 lb
3 - 30 kg
Non-NTEP:
77.2 lb
35 kg

Applications: Bench scales and platform scales

Full Scale Output: 2.0 mV/V

Bridge Resistance: 350 ohms, nominal

Material/Finish: Aluminum

Seal Type: Environmentally protected

RLMK21



Capacities: 9.9 - 77.2 lb
4.5 - 35 kg

Applications: Alternative for Weigh-Tronix® 3270 Series checkweighers

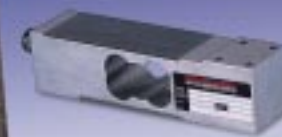
Full Scale Output: 2.0 mV/V

Bridge Resistance: 350 ohms, nominal

Material/Finish: Stainless steel

Seal Type: Environmentally protected

RL1385



Capacities: 13.2 - 441 lb
6 - 200 kg

Applications: Platform scales, packaging and process weighing equipment

Full Scale Output: 2.0 mV/V

Bridge Resistance: 350 ohms, nominal

Material/Finish: Stainless steel

Seal Type: Environmentally protected

S-BEAMS



RL20000



Capacities: 25 - 20,000 lb
11.3 - 9071.9 kg
Applications: Scale conversions and general-purpose weighing
Full Scale Output: 3.0 mV/V
Bridge Resistance: 350 ohms, nominal
Material/Finish: High-alloy steel, nickel-plated
Seal Type: Environmentally protected



RL20000 SS



Capacities: 50 - 10,000 lb
22.7 - 4535.9 kg
Applications: Scale conversions, tension applications and general-purpose weighing
Full Scale Output: 3.0 mV/V
Bridge Resistance: 350 ohms, nominal
Material/Finish: Stainless steel
Seal Type: Environmentally protected



RL20001



Capacities: 250 - 20,000 lb
113.4 - 9071.9 kg
Applications: Scale conversions, tension applications and general-purpose weighing
Full Scale Output: 3.0 mV/V
Bridge Resistance: 350 ohms, nominal
Material/Finish: High-alloy steel, nickel-plated
Seal Type: Environmentally protected



RL20001 HE



Capacities: 500 - 20,000 lb
226.8 - 9071.9 kg
Applications: Scale conversions and general-purpose weighing
Full Scale Output: 3.0 mV/V
Bridge Resistance: 350 ohms, nominal
Material/Finish: Stainless steel
Seal Type: Hermetically sealed, IP67



RLETS



Capacities: 551.2 - 5512.5 lb
250 - 2500 kg
Applications: Scale conversions and general-purpose weighing
Full Scale Output: 3.0 mV/V $\pm 0.25\%$
Bridge Resistance: 350 ohms, nominal
Material/Finish: Alloy steel
Seal Type: Environmentally protected

Metric Envelope

COMPRESSION CANISTERS



RL8C2P1SS



Capacities: 50,000 - 200,000 lb
22,679.6 - 90,718.5 kg
Applications: Truck scales, rail scales
Full Scale Output: 2.0 mV/V
Bridge Resistance: 350 ohms, nominal
Material/Finish: Stainless steel
Seal Type: Hermetically-sealed gauge area, IP67



RLCSP1



Capacities: 25,000 - 200,000 lb
11,339.8 - 90,718.5 kg
Applications: Truck scales, rail scales
Full Scale Output: 2.0 mV/V
Bridge Resistance: 480 ohms, nominal
Material/Finish: Stainless steel
Seal Type: Hermetically sealed, IP67



RL90000



Capacities: 5,000 - 100,000 lb
2268 - 45,359.2 kg
Applications: Low-profile weighing applications
Full Scale Output: 4.0 mV/V
Bridge Resistance: 350 ohms (100,000 lb = 700 ohms), nominal
Material/Finish: High-alloy steel, nickel-plated
Seal Type: Environmentally protected

WEIGH MODULES

ITCM - Isolated Tension Cell Mount

Alloy steel construction
Capacities: 100 - 20,000 lb
 45.4 - 9071.9 kg
Applications: Suspended hoppers and tanks
 Mechanical scale conversions



Paramounts®

Available in both alloy and stainless steel
Capacities: 225 - 22,500 lb
 102.2 - 10,215.0 kg
Applications: Light- to medium-capacity tanks
 and hoppers
 High-vibration mixers and blenders



1700 Series Mounts

Stainless steel construction
Capacities: 11.0 - 11,023.1 lb
 5 - 5000 kg
Applications: Multi-ingredient micro-batching
 Meat and poultry processing
 Chemical batching/blending



1800 Series Mounts

Available in both alloy and stainless steel
Capacities: 250 - 10,000 lb
 113.4 - 4535.9 kg
Applications: Medium-capacity hoppers, bins
 and tanks
 Chemical batching/blending
 Conveyors



RL50210 TA

Available in both alloy and stainless steel
Capacities: 50 - 2500 lb
 22.7 - 1134 kg
Applications: Small tanks and hoppers
 Conveyors and in-motion
 weighing
 Small platform scales



1900 Series Mounts

Stainless steel construction
Capacities: 1000 - 10,000 lb
 453.6 - 4535.9 kg
Applications: Medium-capacity tanks, bins
 and hoppers
 Washdown or corrosive
 applications



2100 Series Mounts

Stainless steel construction
Capacities: 20,000 - 100,000 lb
 9071.9 - 45,359.2 kg
Applications: Heavy-capacity tanks, blenders
 and reactors
 Chemical blending, batching and
 inventory control
 Hostile environment truck and
 railroad track weighing

1600 Series Mounts

Available in cast iron, alloy and stainless steel
Capacities: 1000 - 75,000 lb
 453.6 - 34,019.5 kg
Applications: Medium- to heavy-capacity tanks,
 bins and hoppers
 Bulk material management
 Dry ingredient batching, mixing and
 blending



EZ Mount 1 Series

Available in alloy and stainless steel
Capacities: 5000 - 100,000 lb
 2268.0 - 45,359.2 kg
Applications: Medium to heavy tanks and hoppers
 Bulk material management



Translink™ Mount

Alloy steel construction
Capacities: 25,000 - 100,000 lb
 11,339.8 - 45,359.2 kg
Applications: Truck scales
 Heavy-capacity horizontal tanks



Motor Truck Scale Electronic Conversion Kit

Alloy steel construction
Capacities: 25,000 - 100,000 lb
 11,339.8 - 45,359.2 kg
Applications: Updating existing mechanical
 motor truck scales
 Replacing unsatisfactory
 electronic motor truck scales



MagnaMount®

Alloy steel construction
Capacities: 50,000 - 200,000 lb
 22,679.6 - 90,718.5 kg
Applications: Truck scales
 Heavy capacity horizontal tanks
 Railroad track scales



Your Rice Lake Weighing Systems Distributor is:

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