

# RailBoss<sup>®</sup>

RAILROAD SCALE



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

800-472-6703

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

# RailBoss®

RAILROAD SCALE

## RailBoss® Railroad Track Scales Fit Your Yard and Budget

RailBoss provides precision needed for checkweighing, process monitoring, filling, record keeping and maintaining safe railcar loads.

### Robust Railcar Weighing

RailBoss is a series of 5-foot, 10-inch rail sections fitted with strain gauges to accurately measure total car weight plus weight readings for individual rail trucks.

Each section is bolted onto existing track and ties, minimizing installation time and disruption of rail traffic.

RailBoss has a variety of configurations that can suit the needs of any kind of railcar weighing.

### Full-draft RailBoss

The full-draft system, consisting of eight RailBoss sections, can weigh an entire railcar at once. The full-draft system also provides double-draft railcar weighing when needed.

### Three-channel Full-draft RailBoss

The three-channel full-draft system consists of 12 RailBoss sections to accommodate both 50-foot and 60-foot railcar weighing.

### Double-draft RailBoss

The double-draft system uses four RailBoss sections and weighs one end of the car, then the other. This system is ideal when it is necessary to weigh a wide range of railcar sizes.

### Intuitive Software to Manage the Process

RailBoss software guides operators through each step of the weighing process. RailBoss software comes pre-installed on either Rice Lake's 1280 Enterprise™ Series or 920i® weight indicator. Choose the 1280 for large, color touchscreen convenience or the 920i for standard operation.

#### STANDARD FEATURES

- 80,000 lb axle capacity
- 320,000 lb full scale capacity
- 40,000 lb rail section capacity
- 90 RA, 100 ARA-A, 115 RE, 132 RE, 133 RE or 136 RE rail sections
- 5 ft 10 in rail sections, pre-drilled for joint bars
- Quick-disconnect cable connection with MS style connector

#### Full Draft Package Includes

- (8) 5 ft 10 in rail sections
- 30 ft of connecting cable per rail section
- Pre-drilled joint bars with connection hardware
- (2) Rice Lake junction boxes with transient protection
- 30 ft of homerun cable

#### Double Draft Package Includes

- (4) 5 ft 10 in rail sections
- 30 ft of connecting cable per rail section
- Pre-drilled joint bars with connection hardware
- (1) Rice Lake junction box with transient protection
- 30 ft of homerun cable

#### OPTIONAL FEATURES

- Custom rail sizes are available
- 1280 Enterprise™ Series indicator with RailBoss software for full-draft or double-draft applications\*
- 920i® indicator with RailBoss software for full-draft or double-draft applications\*
- Custom cable lengths

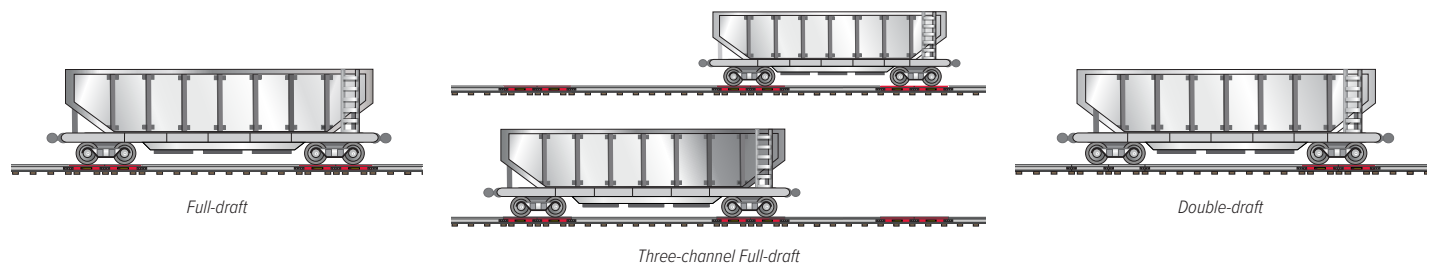
\*Non-Legal for Trade

#### CALIBRATION UNIT STANDARD FEATURES

- 482 Legend Series indicator
- Attachment hardware for 90 RA, 115RE and 132RE rail

#### SPECIFICATIONS

LOAD CELLS:	40,000 lb
ACCURACY:	= 0.25% error typical, interchangeable with other gauged rail products
FULL SCALE OUTPUT:	0.8 mV/V ± 0.2%
INPUT RESISTANCE:	765 ± 5 ohm
OUTPUT RESISTANCE:	700 ± 5 ohm
FULL SCALE CAPACITY:	320,000 lb
AXLE CAPACITY:	80,000 lb
WARRANTY:	Two-year limited
INTRINSIC SAFETY:	cFmus Class I, II, III, Division 1, Groups ABCDEF G T4



SALES AND TECHNICAL ASSISTANCE

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