

# RailBoss®

Full Draft or Double Draft

*\* Non-Legal for Trade*

## Specifications

**Load Cells:**

40,000 lb

**Accuracy:**

≤ 0.25% error typical, interchangeable with other gauged rail products

**Full Scale Capacity:**

320,000 lb

**Axle Capacity:**

80,000 lb

**Warranty:**

Two-year limited warranty

## RailBoss - Standard Features

- 80,000 lb axle capacity
- 320,000 lb full scale capacity
- 40,000 lb rail section capacity
- 90RA, 115RE or 132RE 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

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## Calibration Unit - Standard Features

- Battery powered IQ plus® 590 indicator
- Attachment hardware for 90RA, 115RE and 132RE rails

*Railboss Calibration Tool*

| 01/03/2018 11:32AM SCALE #1  |           |       |           |       |                          |          |      |                         |          |     |
|--|-----------|-------|-----------|-------|--------------------------|----------|------|-------------------------|----------|-----|
| Scale #1   | Scale #2  |       |           |       |                          |          |      |                         |          |     |
| 100050   | 97000     |       |           |       |                          |          |      |                         |          |     |
| <table border="1"> <tr> <td></td> <td>197050 lb</td> <td>Gross</td> </tr> <tr> <td>Rail Truck #1: 100050 lb</td> <td>98000 lb</td> <td>Tare</td> </tr> <tr> <td>Rail Truck #2: 97000 lb</td> <td>99050 lb</td> <td>Net</td> </tr> </table> |           |       | 197050 lb | Gross | Rail Truck #1: 100050 lb | 98000 lb | Tare | Rail Truck #2: 97000 lb | 99050 lb | Net |
|  | 197050 lb | Gross |           |       |                          |          |      |                         |          |     |
| Rail Truck #1: 100050 lb   | 98000 lb  | Tare  |           |       |                          |          |      |                         |          |     |
| Rail Truck #2: 97000 lb  | 99050 lb  | Net   |           |       |                          |          |      |                         |          |     |
| Ticket Printed - Exit Scale  |           |       |           |       |                          |          |      |                         |          |     |
| Double Draft   | Reprint   |       |           |       |                          |          |      |                         |          |     |

*Double-draft RailBoss software display with a 920i indicator*

| 02:41 PM 01/25/2017  |                        |
|----------------------|------------------------|
| FULL DRAFT           | Change Rail Car        |
| Scale 1              | Scale 2                |
| 5000 lb              | 7500 lb                |
| Press Capture Button |                        |
| 12500 lb Gross       | Capture                |
| 0 lb Tare            |                        |
| 12500 lb Net         | Return to Weigh Screen |

*Full-draft RailBoss software display with a 1280 indicator*

**Part Number/Price**

| Part #                              | Description  | Est. Weight | Price   |
|-------------------------------------|--|-------------|---------|
| <b>Kits</b>                         |  |             |         |
| 164748                              | RailBoss assembly kit, full draft, 90 RA rail V2                                   | 2,280 lb    | Consult |
| 164749                              | RailBoss assembly kit, double draft, 90 RA rail V2                                 | 1,150 lb    | Consult |
| 162515                              | RailBoss assembly kit, full draft, 115RE rail V2                                   | 2,550 lb    | Consult |
| 162516                              | RailBoss assembly kit, double draft, 115RE rail V2                                 | 1,275 lb    | Consult |
| 164752                              | RailBoss assembly kit, full draft, 132RE rail V2                                   | 2,800 lb    | Consult |
| 164753                              | RailBoss assembly kit, double draft, 132RE rail V2                                 | 1,400 lb    | Consult |
| <b>Single Rail Gauge Assemblies</b> |  |             |         |
| 164750                              | RailBoss 90 lb gauge assembly V2 (does not include cable)                          | 290 lb      | Consult |
| 162517                              | RailBoss 115 lb gauge assembly V2 (does not include cable)                         | 320 lb      | Consult |
| 164754                              | RailBoss 132 lb gauge assembly V2 (does not include cable)                         | 350 lb      | Consult |
| <b>Instrumentation</b>              |  |             |         |
| 119073                              | Single-channel 920i indicator double draft with RailBoss software                  | 10 lb       | Consult |
| 119072                              | Dual-channel 920i indicator full draft with RailBoss software                      | 10 lb       | Consult |
| 126304                              | Three-channel 920i indicator full draft with RailBoss software                     | 10 lb       | Consult |
| 190949                              | Single-channel 1280 indicator double draft with RailBoss software                  | 11 lb       | Consult |
| 190951                              | Dual-channel 1280 indicator full draft with RailBoss software                      | 11 lb       | Consult |
| 190952                              | Three-channel 1280 indicator full draft with RailBoss software                     | 11 lb       | Consult |
| <b>Hardware</b>                     |  |             |         |
| 126391                              | 90 RA 24 in short toe joint bar set, 4 sets required (2 bars with bolts and nuts)  | 40 lb       | Consult |
| 126389                              | 115 RE 24 in short toe joint bar set, 4 sets required (2 bars with bolts and nuts) | 50 lb       | Consult |
| 126390                              | 132 RE 24 in short toe joint bar set, 4 sets required (2 bars with bolts and nuts) | 60 lb       | Consult |
| 126111                              | 90 RA isolation joint bar set, 4 sets required (2 bars with bolts and nuts)        | 40 lb       | Consult |
| 112702                              | 115 RE isolation joint bar set, 4 sets required (2 bars with bolts and nuts)       | 50 lb       | Consult |
| 119771                              | 132 RE isolation joint bar set, 4 sets required (2 bars with bolts and nuts)       | 60 lb       | Consult |
| 163004                              | 30 ft interface cable  | -           | Consult |
| 164873                              | 60 ft interface cable  | -           | Consult |
| 164874                              | 100 ft interface cable   | -           | Consult |
| 188909                              | Adaptor cable from AWT Weighline to Rice Lake RailBoss                             | -           | Consult |
| <b>Calibration Equipment</b>        |  |             |         |
| 115564                              | RailBoss calibration/test unit   | 300 lb      | Consult |
| 119068                              | Railboss calibration/test until rental   | 300 lb      | Consult |

NOTE: Instrumentation with RailBoss software must be ordered separately and is not included with the RailBoss assembly kit

