RailBoss®
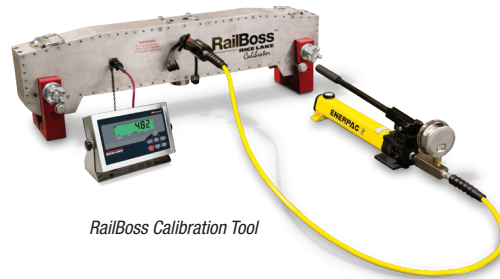Full Draft or Double Draft

* Non-Legal for Trade

Approvals

FM
APPROVED
c   us

RailBoss Calibration Tool

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
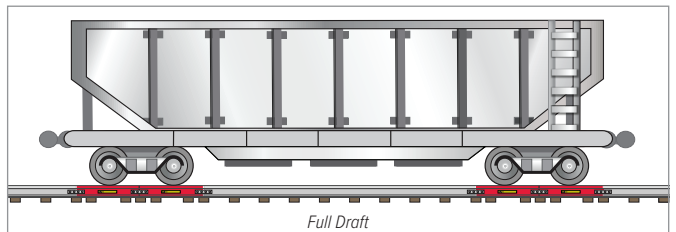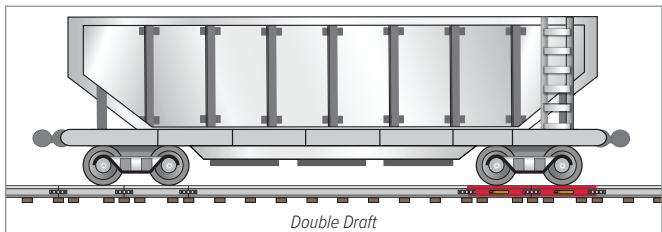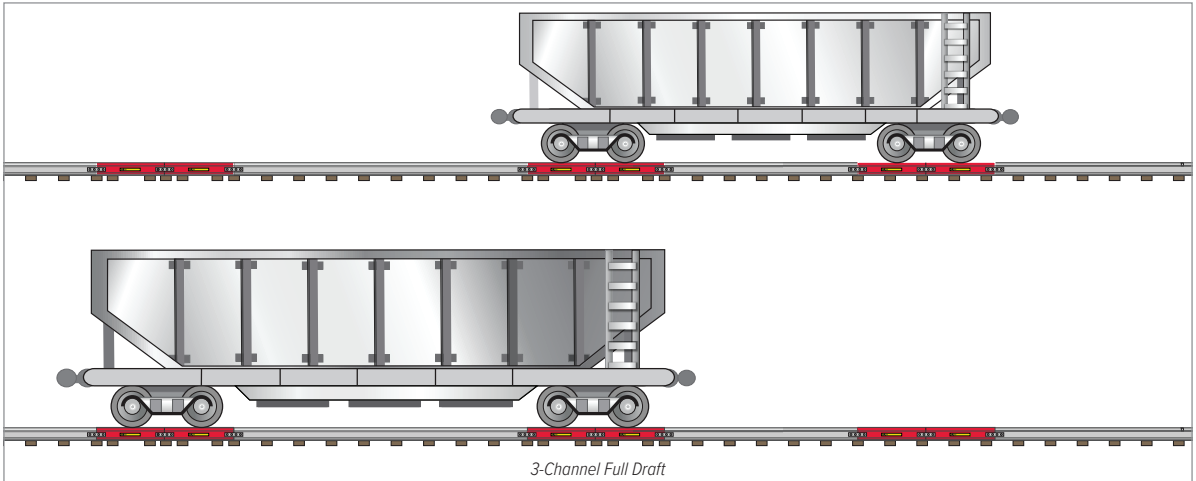Class I, II, III, Division 1, Groups ABCDEFG
T4

Part Number/Price

Part #	Description	Est. Weight	Price
Kits			
164748	RailBoss 90 lb gauge assembly V2 (does not include cable)	2,280 lb	Consult
164749	RailBoss 100 lb ARAA gauge assembly V2 (does not include cable)	1,150 lb	Consult
193391	RailBoss 100 lb ARAA gauge assembly V2 (does not include cable)	2,500 lb	Consult
193390	RailBoss 115 lb AREA gauge assembly V2 (does not include cable)	1,100 lb	Consult
215172	RailBoss 132 lb AREA gauge assembly V2 (does not include cable)	2,300 lb	Consult
188023	RailBoss 133 lb AREA gauge assembly V2 (does not include cable)	1,100 lb	Consult
162515	RailBoss 136 lb AREA gauge assembly V2 (does not include cable)	2,550 lb	Consult
162516	RailBoss assembly kit, double draft, 115 RE rail V2	1,275 lb	Consult
164752	RailBoss assembly kit, full draft, 132 RE rail V2	2,800 lb	Consult
164753	RailBoss assembly kit, double draft, 13 2RE rail V2	1,400 lb	Consult
194678	RailBoss assembly kit, full draft, 133 AREA	2,900 lb	Consult
194679	RailBoss assembly kit, double draft, 133 AREA	1,450 lb	Consult
169763	RailBoss assembly kit, full draft, 136 AREA	3,000 lb	Consult
169762	RailBoss assembly kit, double draft, 136 AREA	1,500 lb	Consult
Single Rail Gauge Assemblies			
164750	RailBoss 90 lb gauge assembly V2 (does not include cable)	290 lb	Consult
193389	RailBoss 100 ARAA gauge assembly V2 (does not include cable)	300 lb	Consult
188013	RailBoss 100 ARAA gauge assembly V2 (does not include cable)	320 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
194677	RailBoss 133 AREA gauge assembly V2 (does not include cable)	370 lb	Consult
169761	RailBoss 136 AREA gauge assembly V2 (does not include cable)	390 lb	Consult

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

Part Number/Price

Part #	Description	Est. Weight	Price
Instrumentation			
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
Hardware			
126391	90 RA 24 in short toe joint bar set, 4 sets required (2 bars with bolts and nuts)	40 lb	Consult
129620	100 RE short toe joint bar set, 4 sets required (2 bars with bolts and nuts)	58 lb	Consult
193468	100 ARAA short tow joint bar set, 4 sets required (2 bars with bolts and nuts)	45 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
194674	133 AREA short tow joint bar set, 4 sets required (2 bars with bolts and nuts)	70 lb	Consult
126390	136 AREA short tow joint bar set, 4 sets required (2 bars with bolts and nuts)	80 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
194673	133 AREA isolation joint bar set, 4 sets required (2 bars with bolts and nuts)	70 lb	Consult
194344	136 AREA isolation joint bar set, 4 sets required (2 bars with bolts and nuts)	80 lb	Consult
198086	100 RA isolation joint bar set, 4 sets required (2 bars with bolts and nuts)	-	Consult
163004	30 ft interface cable	-	Consult
164873	60 ft interface cable	-	Consult
164874	100 ft interface cable	-	Consult
188909	Adapter cable from AWT Weighline to Rice Lake RailBoss	-	Consult
Calibration Equipment			
115564	RailBoss calibration/test unit	300 lb	Consult
119068	RailBoss calibration/test until rental (one week)	300 lb	Consult
208171	Coupler, flush face, no drip for Enerpac FR400 pump	-	Consult

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

RAILROAD SCALES

3-Channel Full Draft

Double Draft

Full Draft

Full-draft RailBoss software display with a 1280 indicator

Double-draft RailBoss software display with a 920i indicator

RAILROAD SCALES