

# SURVIVOR® PL

## Modular Rail Scales



Dealer _____	Customer _____
Address _____	Address _____
City _____ State _____	City _____ State _____
Phone Number _____	Phone Number _____
Email _____	Email _____

Rice Lake Weighing Systems has developed two types of Railroad Track Scale designs perfectly suited for the needs of industrial customers. The Survivor RT Combination Truck/Track Pit Type Scale and the SURVIVOR PL Modular Series railroad track scale excel in high-accuracy, legal-for-trade weighing and meet AREMA, AAR and Cooper E-80 design specifications. These products were designed for use in static weighing applications. The following product descriptions and questionnaire can help you choose the best product for your rail weighing application.

The SURVIVOR PL Series Modular Railroad Scale is an outstanding product built to the quality and standards you have come to expect from Rice Lake Weighing Systems. The PL Series is available in several platform sizes including 12'6", 15', and 18'. to provide maximum flexibility in rail car weighing applications. PL Series rail scales are available in Single, Single/Single, Single/Double, Double, and Double/Double module configurations. The most important advantages of a modular scale over a conventional pit style railway track scale is that the cost of the scales and the cost of the foundation construction are generally much less than a pit style scale. Overall installation time is also significantly reduced when compared to a pit style design. One set of trucks for each rail car would be positioned on each platform, and the two individual weights are automatically calculated to obtain a legal for trade Gross vehicle weight. Rail cars may be weighed un-coupled at both ends or coupled at one end. The ideal distance of the intermediate section can be determined by measuring the center to center of the inside wheels for the shortest rail car and the center to center of the outside wheels for the longest rail car to be weighed on the platform. These dimensions will allow us to calculate the ideal distance of the intermediate section. This will permit the weighing of the widest range of rail car sizes. The PL Series has also been designed to the exacting standards of AAR, AREMA, Cooper E-80, and are NTEP approved. Custom designs and platform configurations are available to meet the most demanding requirements.

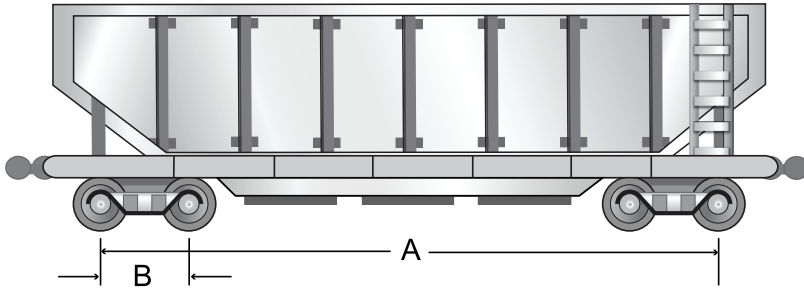
Rice Lake Modular Rail Scales are generally provided in lengths of 12'6", 15', and 18' depending on the sizes of rail cars to be weighed. These scales can be provided in a Single configuration, Single/Single configuration, Single/Double configuration, or Double/Double configurations. Two module configurations will generally be provided with a intermediate section or dead section in between the two platforms. This configuration will permit weighing of one set of rail trucks on each platform.

- o Modular Scales are Legal-For-Trade and NTEP approved.
- o Double draft weighing on a single platform is generally acceptable for rail car weighing in most States and by most railroads. This needs to be verified with the serving railroad and local State Weights & Measures officials.
- o Modular scales can normally be installed in a low profile shallow type foundation.
- o Accessibility to the load cells and junction boxes can be done from the side of the scale.
- o Modular type scales are provided in a steel deck design.

# SURVIVOR<sup>®</sup> PL Modular Rail Scales

## Longest Car

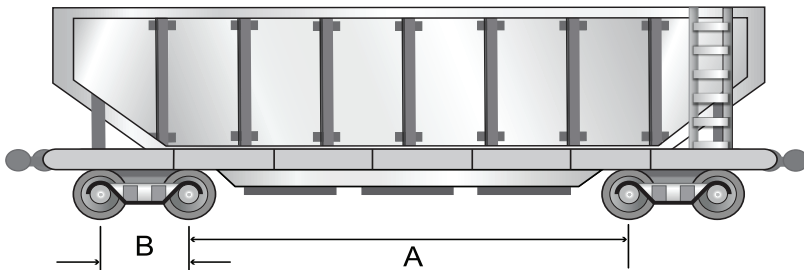
- What is the longest rail car to be weighed on the scale?



A \_\_\_\_\_  
B \_\_\_\_\_

## Shortest Car

- What is the shortest rail car to be weighed on the scale?



A \_\_\_\_\_  
B \_\_\_\_\_

- What is the center to center of the outside wheels on the longest rail car to be weighed?  
(Reference rail car diagram)
- What is the center to center of the inside wheels on the shortest rail car to be weighed?  
(Reference rail car diagram)
- What is the center/center distance of the trucks on the rail car? (45'6" is generally standard)  
(Reference rail car diagram)
- What is the center to center on the truck axles? (5'9" is generally standard)  
(Reference rail car diagram)