

FAIRBANKS®

2000 SERIES RAILROAD TRACK SCALES



Fairbanks' 2000 Series Railroad Track Scales eliminate the need for costly pit construction and meet or exceed all requirements of the American Association of Railroads, as well as National Institute of Standards and Technology Handbook 44.

REDUCED FOUNDATION COSTS

With an end wall height of only 18.5 inches and easy access to load cells and electronics, the 2000 Series rail scale has eliminated the need for elaborate pit construction, while remaining pit-friendly to suit customer needs. As a result of its above-ground design, maintenance is minimized, sump pumps are never required, regulations regarding confined space don't apply, and precious track time is rarely interrupted.

ADVANCED MODULAR CONSTRUCTION

The 2000 rail scale's modular, steel deck, I-beam construction comes standard in 12 1/2 foot and 25 foot lengths, and in any configuration of the two. Incorporating a low profile design allows the rail to ride on the main girders rather than on cross members that have unsupported rail between them. The modular-style decks are fully covered with removable steel plates for safety, and to ensure that load cells and electronics are protected. A two-coat epoxy paint system covers and protects the modules from wear and tear that results from day-to-day use, as well as often abusive environments.

STATE OF THE ART TECHNOLOGY

This fully electronic rail scale utilizes 100K, hermetically sealed, rocker column load cells unique to Fairbanks Scales. The rocker column cells, coupled with a unique bumper checking system that solves both side-to-side and end-to-end checking, allows for a free floating deck.

The 2000 Series rail scale comes standard with the customer-demanded features of Intalogix® Technology. These include improved lightning protection, superior diagnostic capabilities and enhanced precision. Intalogix Technology also provides superior surge voltage protection by optically isolating the load cell and creating an impenetrable barrier against power surges often caused by lightning strikes.

Intalogix can change the way your rail scale is serviced. Quick analysis through a PC modem can diagnose problems, confirm scale accuracy and identify future problems.

SPECIFICATIONS

Sectional capacity 85 TPS

Nominal capacity:

Single module (12' - 6') . . . 85 tons

Double module (25") 170 tons

Module Under Structure . . . Open Bottom

Module construction Welded steel I-beam

Shipping weight. 5,500 lbs per module

Load cell data:

Capacity. 100 K

Type Rocker column

Material Stainless steel, 1704 PH (1.458)

Protection Complete hermetic sealing; cable entry sealed by glass-to-metal header

Resistance. 1,000 ohms

Output 2.0 mV/V

Approvals. NTEP CC No. 97-078; Factory Mutual

Approaches. 25 ft. minimum concrete, each end

Design rating. Cooper E-80 loading

Accessories. Weight Indicators, Report & Ticket Printers, Unattended Automated Systems, Custom Software, Traffic Signals, Remote Displays

Approvals NTEP CC No. 01-016, MC

QuickFacts™

Models and specifications subject to change without notice.
Printed in the USA. © Fairbanks Scales Inc.

Call toll-free for the Fairbanks representative nearest you:

(800) 451-4107

Internet Address: <http://www.Fairbanks.com>