



CARDINAL®

RAIL SCALES



Cardinal Scale
Model 1326-80LPR-120
Railroad Scale Pictured



- Heavy-Duty Rugged Steel Weighbridges
- Accuracy Class III L - Legal for Trade

- Up to 270-Ton Capacities
- E-80 Cooper AREMA Rating



The LRA Railroad Track Scale Meets the Demand of Top Performance in All Types of Environments

Cardinal Scale single source convenience for an economical, heavy-duty combination of accuracy, durability, and low-profile weighing efficiency

- Gross capacity - 100 tons to 270 tons
- Sectional capacity - 100 tons to 180 tons
- Module sizes - 13 ft and 26 ft long available
- Platform width - 8 ft 9 in low-profile design
- Designed for 115 lb rail (132 lb rail optional)
- Stainless steel load cells
- Custom sizes and configurations available
- Longitudinal and lateral checking assemblies
- Low-profile, above-ground installation
- Accuracy in accordance with NIST, AAR, and AREMA requirements (railcars uncoupled at both ends)
- Legal for Trade (US and Canada)



Electronic or Hydraulic Load Cells

Guardian hydraulic load cells are impervious against lightning strikes and water damage.



Grain Dump Grating Optimizes Unloading

Cardinal Scale can custom manufacture weighbridges with grain dump grating and hoppers.



Mobile Apps Available for Wireless Weighing

Cardinal Scale's mobile apps for Android® and Apple® devices allow remote weighing convenience.

UV-protected, anti-corrosion industrial tan powder paint compliments any environment.

All weighbridges are shot-blasted and washed clean of debris before painting for optimum quality.



Rapid Installation Low-Profile Convenience

Cardinal Scale's LPRRA series railroad scales feature a rugged weighbridge with electronic or hydraulic load cell mounting assemblies. The low-profile design eliminates the expense and maintenance of a deep pit. Removing the need for excavation of a deep pit and additional concrete work means construction costs are lower and installation time is shorter. Cardinal's LPRRA series can weigh a wide range of rail car sizes. Twenty-five foot approaches are required on each end of the scale, along with an intermediate section in between the two platforms.



Weight indicators, remote displays, and printers are all available from Cardinal Scale to complete your railcar weighing operation.



Ideal for a Wide Range of Industries:

- Agricultural Co-ops
- Recycling / Scrapyards / Landfills
- Chemical and Petroleum Industries
- Mining and Quarries
- Steel Industry
- Railways / Freight Industry
- Power Generation
- Port Authorities
- Cement Industry
- Wood / Paper Mills

ELECTRONIC LOW-PROFILE RAILROAD TRACK SCALES

Model	Gross Capacity (Tons)	Section Capacity (Tons)	Platform Length(s)	Platform Width	Load Cell Capacity	Cooper Rating AREMA	Shipping Weight
13-80LPRA-120	100	100	13 ft	8 ft 9 in	(4) 120,000 lb	E-80	12,400 lb
1313-80LPRA-120	200	100	13 ft + 13 ft	8 ft 9 in	(8) 120,000 lb	E-80	25,250 lb
26-80LPRA-120	200	100	26 ft	8 ft 9 in	(6) 120,000 lb	E-80	20,800 lb
1326-80LPRA-120	200	100	13 ft + 26 ft	8 ft 9 in	(10) 120,000 lb	E-80	33,700 lb
2626-80LPRA-120	200	100	26 ft + 26 ft	8 ft 9 in	(12) 120,000 lb	E-80	42,100 lb
13-80LPRA-200	180	180	13 ft	8 ft 9 in	(4) 200,000 lb	E-80	12,400 lb
1313-80LPRA-200	270	180	13 ft + 13 ft	8 ft 9 in	(8) 200,000 lb	E-80	25,250 lb
26-80LPRA-200	270	180	26 ft	8 ft 9 in	(6) 200,000 lb	E-80	20,800 lb
1326-80LPRA-200	270	180	13 ft + 26 ft	8 ft 9 in	(10) 200,000 lb	E-80	33,700 lb
2626-80LPRA-200	270	180	26 ft + 26 ft	8 ft 9 in	(12) 200,000 lb	E-80	42,100 lb

Electronic LPRA Models Include: Steel deck weighbridge, stainless steel compression electronic load cells, load cell stands, stainless steel junction box, and power supplies.

HYDRAULIC LOW-PROFILE RAILROAD TRACK SCALES

Model	Gross Capacity (Tons)	Section Capacity (Tons)	Platform Length(s)	Platform Width	Load Cell Capacity	Cooper Rating AREMA	Shipping Weight
H13-80LPRA-100	85	85	13 ft	8 ft 9 in	(4) 100,000 lb	E-80	12,400 lb
H1313-80LPRA-100	170	85	13 ft + 13 ft	8 ft 9 in	(8) 100,000 lb	E-80	25,250 lb
H26-80LPRA-100	170	85	26 ft	8 ft 9 in	(6) 100,000 lb	E-80	20,800 lb
H1326-80LPRA-100	170	85	13 ft + 26 ft	8 ft 9 in	(10) 100,000 lb	E-80	33,700 lb
H2626-80LPRA-100	170	85	26 ft + 26 ft	8 ft 9 in	(12) 100,000 lb	E-80	42,100 lb
H13-80LPRA-200	180	180	13 ft	8 ft 9 in	(4) 200,000 lb	E-80	12,400 lb
H1313-80LPRA-200	270	180	13 ft + 13 ft	8 ft 9 in	(8) 200,000 lb	E-80	25,250 lb
H26-80LPRA-200	270	180	26 ft	8 ft 9 in	(6) 200,000 lb	E-80	20,800 lb
H1326-80LPRA-200	270	180	13 ft + 26 ft	8 ft 9 in	(10) 200,000 lb	E-80	33,700 lb
H2626-80LPRA-200	270	180	26 ft + 26 ft	8 ft 9 in	(12) 200,000 lb	E-80	42,100 lb

Hydraulic LPRA Models Include: Steel deck weighbridge, stainless steel compression hydraulic load cells, load cell stands, totalizer box, and copper tubing standard.

Custom Sizes and Configurations Readily Available: Please consult factory.

Options: Anti-creep angles, rail clips for deck, grain dump grating, grain dump hoppers, and stainless steel tubing (for hydraulic models).

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102 East Daugherty St., Webb City, MO 64870 USA
 Toll-Free: (800) 441-4237 E-mail: cardinal@cardet.com
 www.CardinalScale.com

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