

COUNTING SCALES

BENCH SCALES

FORKLIFT SCALES

CHECKWEIGHERS

CONVEYOR SCALES

RAILROAD SCALES

FLOOR SCALES

TRUCK SCALES

INDICATORS

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REMOTE DISPLAYS

Avery Weigh-Tronix

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Railroad Scales



Railroad scale Low Profile

RLP

Modular, low profile
design for above ground
installation

Less excavation and lower
installation cost than traditional
deep pit scale

Complies with AREMA,
Cooper E-80 loading requirements

Legal for trade – NTEP Class IIIIL



Avery Weigh-Tronix RLP (Railroad scale Low Profile)



FEATURES AND BENEFITS

Low installation cost - The pitless design minimizes excavation and simplifies the foundation, resulting in much lower labor and material costs.

Simple pitless design -

Just 16 anchors in weighbridge foundation. Above grade installation ensures good ventilation, eliminates the need for sump pumps and reduces corrosion.



Advanced Modular Construction - A single module has a weigh rail length of 12'6" (3.8 m). Two modules give a weigh rail length of 26' (7.92 m). Standard version with exposed rail or flush deck version available.

Extra capacity load cells - 130,000 lb, NTEP approved, compression load cells provide 30% more capacity.

Self-aligning - Rocker pin assembly ensures even and consistent weight application to the load cells.

Low maintenance - All nuts and bolts are accessible without removing the weighbridge. Load cells are mounted to the main beams keeping mounting bolts away from dirt and moisture.

Rigid checking - Heavy duty checking system stabilizes the scale and reduces wear or damage that can be caused by excessive weighbridge movement. It also reduces stability problems associated with weighing liquids.

Higher dead load - The concrete filled weighbridge increases the preload on the load cells and provides a non-slip surface between rails.

Accommodates different sizes - Heavy duty, two part, adjustable rail clips accommodate 115 lb rails providing convenient and precise rail alignment. Other sizes available upon request.

Load cell protection - Steel covers protect load cells from accidental damage and environment.

SPECIFICATIONS

Model No.	Live Rail Length		Combined Nominal Cap.
	1st Module	2nd Module	
RLP 12	12'-6"	none	85 Ton
RLP 12-12	12'-6"	12'-6"	170 Ton
RLP 12-26	12'-6"	26'	200 Ton
RLP 26-26	26'	26'	230 Ton

Sectional capacity: 85 Tons

Design criteria: AREMA, Cooper E-80 loading requirements

Load cells: 130,000 lb capacity (each)
Stainless steel, hermetically sealed, compression load cell

Approvals:

Legal for Trade: NTEP Class IIIIL at 8,000 divisions
Certificate of Conformance #96-071

OPTIONS

- Rail plates, rail clips, bolts, washers and anti-creep bars for approaches and intermediate section
- Shallow pit installation
- Weight indicators
- Scoreboard displays
- Anti-sloshing software for rapid weighing tank cars
- Surge voltage protection
- Printers
- Cut-off controls



- XR4500 TL Remote Display



- ZM605 Weigh Indicator/Controller

Avery Weigh-Tronix

www.averyweigh-tronix.com

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