

COUNTING SCALES

BENCH SCALES

FORKLIFT SCALES

CHECKWEIGHERS

CONVEYOR SCALES

**RAILROAD SCALES**

FLOOR SCALES

TRUCK SCALES

INDICATORS

SOFTWARE

JUNCTION BOXES

SIGNAL PROCESSING

MONORAIL SCALES

PRINTERS

REMOTE DISPLAYS

**Avery Weigh-Tronix**

**Avery Weigh-Tronix**  
**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 III





## 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	
RPL 12	12'-6"	none	85 Ton
RPL 12-12	12'-6"	12'-6"	170 Ton
RPL 12-26	12'-6"	26'	200 Ton
RPL 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 IIII 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



- Model E1310 Indicator/Controller

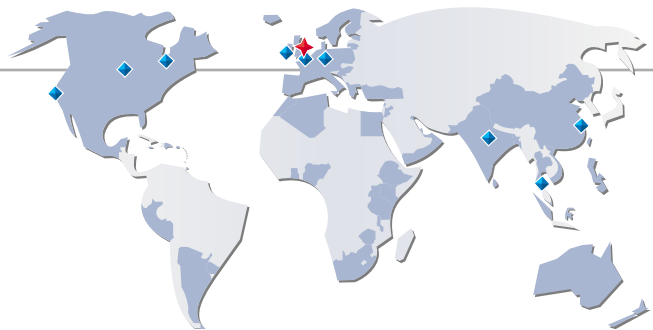
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