



Ground Hugger™

EPR SERIES Low-Profile Pitless TRUCK SCALES

These heavy-duty truck scales are designed to get you weighing fast!
The EPR's modular design and "No Bolt" assembly represents a fast, easy and reliable installation.
A wide variety of capacities and platforms are available.



Available in steel or concrete deck designs, these scales offer strength, quality, and dependable accuracy.

Ground Hugger™

ALL STEEL. ALL CARDINAL.



EPR SERIES Low-Profile Pitless TRUCK SCALES

Over 70 years of scale design expertise are incorporated into these scales. Interlocking yoke and pin means fast, "No-Bolt" assembly; easy access to load cells and wiring makes installation and maintenance a snap. Installation is not only fast and easy, but also inexpensive. Select from a wide variety of popular capacities and platform sizes available (listed on back) in both Cardinal's checkered steel deck or the pour-in-place concrete deck models.

Choose an EPR
with either a concrete
deck or steel deck.
Fully assembled modules.

All- Stainless Steel Load Cells

The EPR Series utilizes Cardinal's **all-stainless steel**, environmentally-sealed, double-ended shear beam load cells. These load cells, combined with Cardinal's double-link suspension system, eliminate side loading on load cells, which can affect accuracy and reliability, and the need for check rods.

Reliable Double-Link Suspension System

The double-link suspension is designed to protect sensitive scale components. This proven protection is especially important when high volume, heavy loads can accelerate wear and tear. By placing the load cells within this protective framework, it ensures long-term accuracy and use even under the toughest conditions.



Electronic components in the scale deck are protected from tough environments by Cardinal stainless steel junction boxes.

CONCRETE DECK

Cardinal Quality

The quality of Cardinal's products starts in the design stage. The weighbridge is created using time-tested CAD design employing high strength steel members to attain the optimum strength-to-weight ratio. Automatic robotic welders ensure strength and uniformity. Fabricated modules minimize height and maximize strength. Vehicle loading is supported by heavy-duty structural members placed in strategic locations.

STEEL DECK

The structural steel is shot blasted to an SSPC-SP6 condition to remove rust and mill scale, then protected with a Sherwin Williams® EPOLON II epoxy coating for the highest quality.

- **Automatic Robotic Welders Ensure Strength And Uniformity**
- **5/16" Steel Deck**
- **Baked-On Epoxy Coating**
- **Stainless Steel Load Cells**
- **Ground Kit, T-Belt, and Approach Coping All Included**



Side Rails

Cardinal offers a selection of optional side rails: formed steel, 4" diameter pipe, 8" square tube, and 14" high I-beam side rails.



**No Rebar!
No Mesh!**

**JUST POUR
AND FINISH
CONCRETE DECK**



Concrete Deck

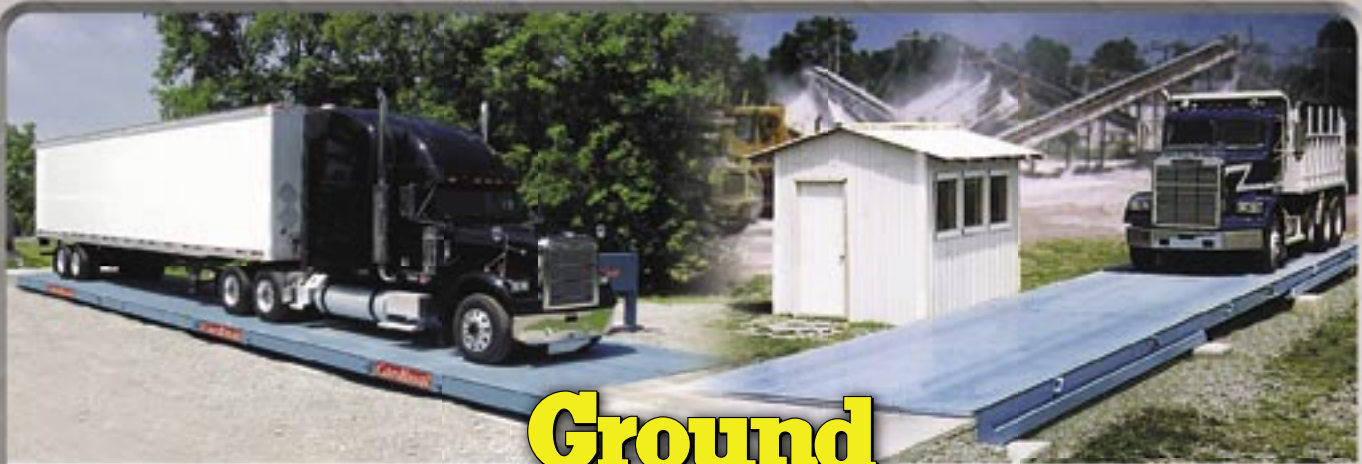
Cardinal's concrete deck version offers a substantial savings over others. The scale, after assembly on location, is ready for pouring the concrete deck. There is no reinforcing bar or mesh to be installed. Back-up sheets attached to modules support the concrete during pouring and curing - a great savings in labor and material.

Cardinal Versatility

COMPLETE VEHICLE WEIGHT MANAGEMENT - Cardinal is a one-stop shop for all your weighing needs. Customize your new Ground Hugger™ with a variety of Cardinal weight indicators, remote displays, printers, and vehicle weight management software for total control over your vehicle weighing operation. From basic weighing to intricate, computerized record-keeping systems Cardinal can get you on your weigh!



EPR SERIES LOW-PROFILE PITLESS TRUCK SCALES



Ground Hugger™

New 14 Foot Extra-Wide EPR Models

Cardinal now offers a standard selection of 14 foot wide EPR truck scales models.

Lower Installation Costs on Ground Huggers™

The low-profile 15.5" height and pre-assembled weigh-bridge modules contribute to low installation costs. Further cost reductions are realized by Cardinal's simple pier-and-approach slab design. Installation is simple - just assemble modules in place, with Cardinal's interlocking yoke and pin design, then install the load cells and suspension assemblies.

EPR-LF Self-Contained Models

Cardinal's EPR-LF Portable Vehicle Scale features steel bulk heads which are welded into each end of the scale to facilitate rapid construction of the entrance and exit ramps. The continuous modular construction of its frame and load cells make Cardinal's EPR-LF as easy to remove and transport as it is to install. Just remove access plates, disconnect load cell cables, secure lock-down bolts, connect the sling to the provided lifting eyes, then lift and load. It's that fast and easy because it's completely self-contained.

30 TON CLC* MODELS

MODEL**	PLATFORM SIZE	TONS CAPACITY
3020-EPR	20' x 11'	30
6040-EPR	40' x 11'	60
7050-EPR	50' x 11'	70
10060-EPR	60' x 11'	100
10070-EPR	70' x 11'	100
10075-EPR	75' x 11'	100
10080-EPR	80' x 11'	100
10090-EPR	90' x 11'	100
100100-EPR	100' x 11'	100
100120-EPR	120' x 11'	100

Other sizes and capacities readily available. Please consult the factory for more options.

** Add "C" to the model number to denote a **concrete deck**.

* CLC = **Concentrated Load Capacity**: The maximum axle-load concentration for a group of two axles with a center line spaced 4' apart and an axle width of 8' that can safely be applied to the scale.

The EPR Vehicle Scale meets or exceeds Class IIIIL, 10,000 division accuracy requirements in accordance with the NIST Handbook 44. A Certificate of Conformance Number 97-093A4, was issued under the National Type Evaluation Program (NTEP) of the National Conference on Weights and Measures.



40 TON CLC* MODELS

MODEL**	PLATFORM SIZE	TONS CAPACITY
4020-EPR	20' x 11'	40
7040-EPR	40' x 11'	70
8050-EPR	50' x 11'	80
11060-EPR	60' x 11'	110
13570-EPR	70' x 11'	135
13580-EPR	80' x 11'	135
13590-EPR	90' x 11'	135
135100-EPR	100' x 11'	135
135120-EPR	120' x 11'	135

14 FOOT WIDE EPR - 45 TON CLC* MODELS

MODEL**	PLATFORM SIZE	TONS CAPACITY
8050-EPR14	50' x 14'	80
11050-EPR14	60' x 14'	110
13570-EPR14	70' x 14'	135
13580-EPR14	80' x 14'	135



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Sold By: