

FAIRBANKS®

PORTABLE AXLE LOAD SCALES



Fairbanks' Portable Axle Load Scales are the ideal choice for a cost-effective weighing solution when application requirements don't exceed accurate, non-commercial vehicle axle weights.

ELIMINATING THE FOUNDATION

Fairbanks' Portable Axle Load Scale is constructed in a sub-frame that totally eliminates the need for a pier or slab foundation. A flat, unyielding surface, such as asphalt or concrete, is all that's required to install the complete unit. By eliminating the foundation, both installation and relocation of this scale are a snap, requiring minimal time, effort and money. If a change in process, traffic flow or location occurs, the Fairbanks Portable Axle Load Scale offers the ultimate in weighing flexibility.

STRUCTURAL STEEL CONSTRUCTION

Fairbanks' Portable Axle Load Scale is fabricated out of USA extruded structural steel members. This scale's Ramps are constructed to the same standards as the weighbridge to ensure the quality that Fairbanks' customers demand. The ramp size comes standard in a full width design that can accommodate any wheel base for most highway vehicles.

LOAD CELLS

Portable Axle Load Scales are equipped with four, 50,000 pound capacity, stainless steel load cells designed to handle extra-heavy loads. These cells are properly aligned through factory installation, eliminating potential weighing errors.

WIDE RANGE OF APPLICATIONS

The Matrix is right for truck scale applications with anticipated daily weightings of 50 trucks or less. Here are a few examples of industries and applications that could benefit from the savings, convenience and flexibility of a Matrix system:

- Moving and shipping
- Equipment weighing
- Warehouse facilities
- Manufacturing operations
- Filling operations
- Service companies
- Light manufacturing

PALS FEATURES

- Ultra-low 6" profile.
- Foundation not necessary for most installations.
- Can be sized to weigh most axle groups.
- Single day installation — Easy to move/relocate.

SPECIFICATIONS

Weighing platforms:

Standard width 10 feet
Standard lengths 7, 10, 14, 17, and 20 feet configurable
with dead span modules to achieve
desired weighing system length

Capacities 45 ton to 60 ton
CLC 60K and 80K
Design Orthotropic, open bottom
Construction Structural steel
Approvals NTEP CC No. 07-069

Load cell data:

Capacity 50,000 lbs
Type Rocker column
Material Stainless steel, 17-4 PH (1.458)
Protection Complete hermetic sealing
Resistance 1,000 ohms
Output 2.0 mV/V
Approvals NTEP CC No. 97-078; Factory Mutual
Accessories Ramps, remote displays, indicators,
traffic signals, unattended terminals

QuickFacts™

Models and specifications subject to change without notice.
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Call toll-free for the Fairbanks representative nearest you:

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