

FAIRBANKS®

PORTABLE AXLE LOAD SCALE



Fairbanks' Portable Axle Load Scale (PALS) is 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' PALS 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

The Portable Axle Load Scale is fabricated out of USA extruded structural steel members. Scale ramps are constructed to the same standards as the weighbridge to ensure the quality that Fairbanks' customers demand. Ramps come standard in a full-width design that accommodates any wheel base for most highway vehicles.

LOAD CELLS

The PALS is equipped with four 50,000 lb 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 PALS 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 PALS system:

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

PALS FEATURES

- Ultra-low 6" profile
- Foundation unnecessary for most installations
- Can be sized to weigh most axle groups
- Can be installed at grade level
- Single day installation, easy to move/relocate

SPECIFICATIONS

Weighing platforms:

Deck dimensions Lengths: 7', 10', 14', 17' and 20'
configurable with dead span
modules to achieve desired
weighing system length
Width: 10'

Capacities 45-tons to 60-tons

CLC 60 k and 80 k

Design Orthotropic, open bottom

Construction Structural steel

Approvals NTEP CC# 07-069
(Vehicle must be fully scale borne)

Load cell data:

Capacity 50,000 lbs

Type Rocker column

Material Stainless steel, 17-4 PH

Protection Complete hermetic sealing, IP69K

Resistance 1,000 ohms

Output 2.0 mV/V

Approvals NTEP CC# 97-078, Factory Mutual

Accessories Ramps, remote displays, instruments,
traffic signals, driver assist terminals

QuickFacts™

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Call toll-free for the Fairbanks representative nearest you:

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