- MAXIMUM CAPACITY
- MAXIMUM PERFOR-

The new heavyweight champion

Above Ground, Steel Deck Truck Scales



Best Built Truck Scales on Earth!







Visit our world...fairbanks.com



The new heavyweight champion

Ultimate Aboveground, Steel Deck Truck Scales

hat sets Fairbanks' Titan Steel Deck Truck Scales apart from the competition? Just about everything.

In head-to-head comparisons, the Titan ranks number one in Gross Weight Capacity, Load Cell Capacity, Deck Plate Thickness, I-beam construction, CLC Rating and sheer Steel Weight.

Unique Features

(Standard on every Titan)

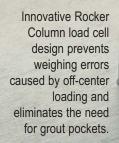
- Intalogix Technology.
- 3/8" Deck Plate thickness.
- · Open Bottom design.
- Encapsulated circuit boards.
- Incredible Steel Weight 70' by 10' Titan Scale has 33,000 lbs of steel in the modules alone.
- · Stainless Steel sheathing on all load cell cabling.
- · Load Cell has "true" hermetic seal.
- · Fast, easy load cell access.

Top Performance

- Up to 300,000 lb Gross Capacity.
- 100,000 lb capacity Load Cells.
- 100,000 lb CLC/DTAC.
- Deflection less than 1/1600 under legal highway loads.
- · NTEP certified to widths of 14 feet. Certificate of Conformance #96-089A3.

Best Value

- More standard features than competing models.
- Backed by available 5-year warranty.





- Hermetically sealed
- Stainless steel

LOAD CELL

Rock Solid Features

(Standard on every Titan Load Cell)

Load cells are electrochemically polished to eliminate the corrosive effects of harsh, wet environments.

100K Capacity is the industry's ultimate in load cell performance with 300% overload protection.

Stainless Steel Sheathing offers Load Cell cable protection from rodent damage and natural wear and tear.

A true Hermetic Seal makes the Titan Load Cell impervious to moisture intrusion. NEMA 6P (IP68) rating



APPROVED

COC #97-078



for "true" hermetic seal at cable entry area.



LOAD CELL SPECIFICATIONS

Height6"
Capacity
Resistance
Output 2mV/V
Cable Length
Combined Error (FSO)<=0.02%
Zero Balance (FSO)1.0%
Excitation 5 to 15 VDC

Maximum

Designed to standards above and beyond the competition's

The Titan Steel Deck is constructed from multiple 12" and 16" Structural Steel I-beams. These massive I-beams, coupled with the thickest available deck plate, produce an extremely ridged weighbridge that resists dimpling or rolling due to extreme or redundant loading.

The deflection standards for the Titan exceed AAR and ASHTO specifications for federal bridge construction.

Titan Series Portable Vehicle Scales

Available in sizes specifically for mobile operations, the Titan Series Portable Vehicle Scales are made for easy assembly and removal.



The Titan PV has all the features of the Titan Series Truck Scales, plus the ability to be removed from its sub-frame and installed in a permanent foundation.

This feature makes the Titan PV ideal for use in emergency situations, such as when an old scale fails, but weighing operations must continue on schedule. See details below on how you can eliminate downtime through Fairbanks' "PV on the Spot" Program.





Titan "PV on the Spot

It's time to replace your wornout scale, but you can't afford th Fairbanks' "PV on the Spot" Program is a solution you can aff The way it works is simple. Fairbanks installs your Titan Serie a temporary location while your old scale is removed and the modified or constructed to permanently house the new scale. Operations continue on schedule with minimal loss time, you money on a rental scale and your weighing accuracy is enhant Titan's unbeatable performance.



TITAN TRUCK SCALE SPECIFICATIONS

LENGTH	FULL SCALE CAPACITY	MODULES	LOAD CELLS	CLC/DTAC
30	150,000 lbs	1	4	100,000 lbs
35	150,000 lbs	1	4	100,000 lbs
60	250,000 lbs	2	6	100,000 lbs
70	250,000 lbs	2	6	100,000 lbs
80	300,000 lbs	3	8	100,000 lbs
90	300,000 lbs	3	8	100,000 lbs
105	300,000 lbs	3	8	100,000 lbs

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e downtime? ford. es PV scale in foundation

don't waste nced by the



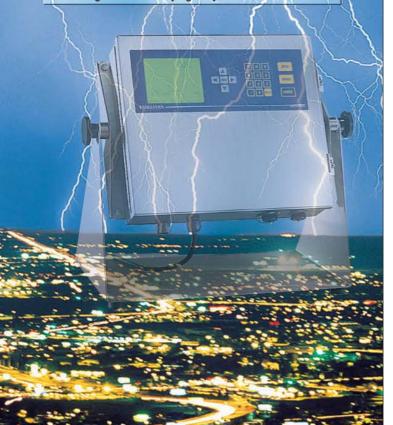
Your Titan is protected from the unexpected!

Intalogix is the most advanced load cell protection...ever.

hen it comes to lightning strikes or electrical surges, Fairbanks has your Titan covered with the power of our exclusive load cell protection technology — Intalogix.

You never need to worry about electrical damage because Intalogix is on the job, 24-hours a day, seven days a week, monitoring your system to instantly detect and alert your operators to any

deviation in performance. Relax, and let the power of Intalogix do the worrying for you.



Smart Open Bottom Design...

The natural way to keep your scale dry and prevent corrosion.





airbanks has been building, testing and monitoring the scales we sell for 175 years. Our R&D engineering teams are constantly exploring new design and manufacturing processes as part of our ongoing product improvement policy. The continual research has led Fairbanks to its current "Open Bottom" design. Some manufacturers still use a "Sandwich" design, with top and bottom plates that form a chamber or enclosed area where moisture easily collects. This design is compromised by the inherent moisture intrusion and internal corrosion problems not found in the Titan.

Shown in the table below are common sense reasons that Fairbanks utilizes the Open Bottom design in the Titan Steel Deck Truck Scale.

TITAN OPEN BOTTOM DESIGN	ENCLOSED (SEALED) DESIGN			
Does not allow moisture to be trapped.	Does not allow moisture to escape.			
Natural module ventilation.	No ventilation whatsoever.			
Eliminates need for watertight seals.	Watertight seals will eventually break.			
Allows for easy module inspection.	Enclosed areas impossible to inspect.			
Entire module is protected with paint.	Enclosed areas cannot be painted.			

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TITAN SPECIFICATIONS

Deck Dimensions..... Lengths: 27', 30', 35', 60',

70', 80', 90', 105' Widths: 10', 11', 12', 14'

CLC/DTAC 100K

Gross Capacities 150K to 300K

Module Data:

Module Design Orthotropic

Module Construction USA Structural Steel

Module Under Structure.... Open Bottom

Deck Plate Thickness 3/8"

Options Deck runners, Rub Rails,

Drop Plates, Blow Down Plates, 120K CLC, 150K Load Cells, 300K Gross Capacity, Custom Sizes

Accessories Weight Indicators, Report

& Ticket Printers,

Unattended Automated Systems, Custom

Software, Traffic Signals, Remote Displays

Approval......NTEP COC #96-089A3

TITAN ACCESSORIES:



Remote Terminal

Features keypad display, printer and bar code card reader. Also in stainless steel.



Standard Traffic light

Omnidirectional light also available.



Remote Weight Display

Available in numeric sizes of 1.5" and 5.5".

TITAN OPTIONS:

Rub Rails help guide trucks on and off the Titan scale. Low profile design prohibits damage to truck tires and lug nuts.



Deck Runners protect the tire path of your scale's deck plate. This added protection is a favorite option for applications that involve abrasive materials such as sand, limestone and gravel.



Discover the benefits of our truck scale

leasing program. Just ask your local Fairbanks representative about **Fairlease**.

Your Fairbanks Scales Authorized Representative is:

Call toll-free for the representative nearest you:

(800) 451-4107

Call between 8:00 a.m. – 5:00 p.m. CST Corporate Offices: 821 Locust • Kansas City, MO 64106 • (816) 471–0231 Internet Address: http://www.Fairbanks.com

