

FAIRBANKS®

TITAN SERIES PORTABLE VEHICLE SCALES



Designed to the highest standards in the industry, Fairbanks' Titan Series Portable Vehicle Scale outperforms all contenders across the board.

BUILT TO PERFORM, ENGINEERED TO LAST

The Titan Series is constructed with multiple 12" and 16" structural steel I-beams. These massive supports, coupled with the thickest standard deck plate on the market (3/8"), produce an extremely rigid and durable weighbridge.

EXCEPTIONAL WEIGHBRIDGE FEATURES

- Up to 150-ton capacity. • 3/8" deck plate thickness. • 120 k CLC.
- Deflection less than 1/1600 under legal highway loads.
- Incredible steel weight — the 70' x 10' Titan PV weighs 42,500 lbs.

THE MANY ADVANTAGES OF USING AN OPEN BOTTOM DESIGN

Its ability to naturally ventilate moisture is one of the many design advantages the Titan Series PV Scales have over competing scale brands. Check out all the Titan PV advantages below.



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	Has areas that cannot be painted

EXCEPTIONAL LOAD CELL FEATURES

- 110,000 lb capacity and 300% overload protection.
- Rocker column design eliminates weighing errors caused by off-center loading, as well as the need for grout pockets.
- Electrochemically polished stainless steel canister eliminates corrosive effects of harsh, wet environments.
- Impervious to moisture intrusion - hermetic seal, IP69K rating.

SPECIFICATIONS

Deck dimensions	Lengths: 35', 60', 70', 80'
	Width: 10'
CLC	120 k
Capacities	75-tons to 150-tons
Sections	2 to 4
Modules	1 to 3
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, 150,000 lb capacity load cells, drop plates, custom widths/lengths, blow down plates
Accessories	Instruments, report and ticket printers, driver assist terminals, custom software, traffic signals, remote displays
Approvals	NTEP CC #96-089, MC# AM-4949
Load cell:	
Height	4.66"
Capacity	110,000 pounds
Type	Rocker column
Sealing	Welded, hermetically sealed, gas filled
Material	304 S15
Rating	IP69K
Resistance	1,000 ohms
Output	2.4 mV/V
Excitation	4 to 24 VDC
Ultimate overload	300%
Cable length	15'
Cable protection	Stainless steel braid AmourGuard
Approvals	NTEP CC# 14-024, Factory Mutual, CE, OIML R60/2000-DE-08.11

QuickFacts™

Models and specifications subject to change without notice.
Printed in the USA. © Fairbanks Scales Inc.

Call toll-free for the Fairbanks representative nearest you:

(800) 451-4107

Internet Address: <http://www.Fairbanks.com>