

FAIRBANKS[®]

S C A L E S



TALON HV & HVX SERIES

ABOVEGROUND FIELD POUR TRUCK SCALES

Built on a proven orthotropic design, the Talon boasts the longest-lasting construction of any field pour truck scale in the industry.

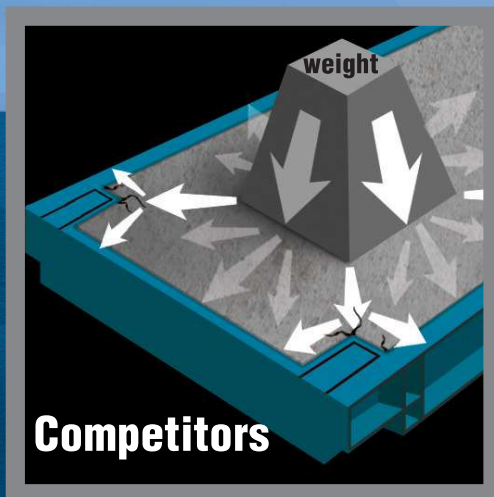
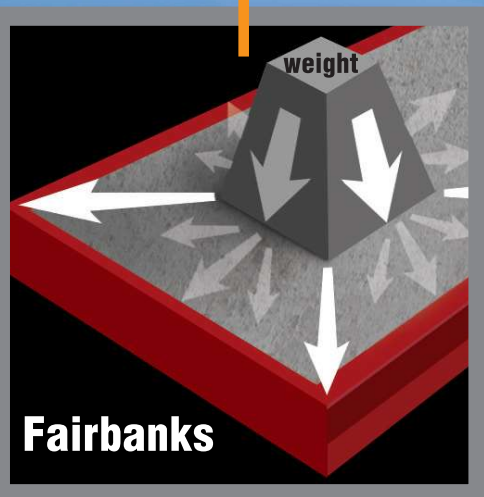
TALON

HV | HVX FIELD POUR

Experience a scale like no other. The Fairbanks Talon Field Pour boasts the longest-lasting construction of any truck scale in the industry. Built on a proven orthotropic design, the Talon has numerous design achievements that stand out over the competition. With tens of thousands of Fairbanks truck scales sold to date, the Talon is sure to be a great addition to your weighing system.



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Solid deck design

By placing the load cells in easily accessible and serviceable areas beneath the scale, instead of inside the deck, Fairbanks has eliminated the need for cover plates. This design ensures a more structurally sound scale deck that resists metal fatigue, deflection, and internal deck cracks.



12' wide decks are available. Extra deck width accommodates larger trucks and equipment, and ensures easier scale navigation.

THE NEXT GENERATION IN TRUCK SCALE DESIGN

Solid Deck Design

Intalogix® Technology

Encapsulated Circuit Boards

Incredibly strong modules, built to federal bridge standards

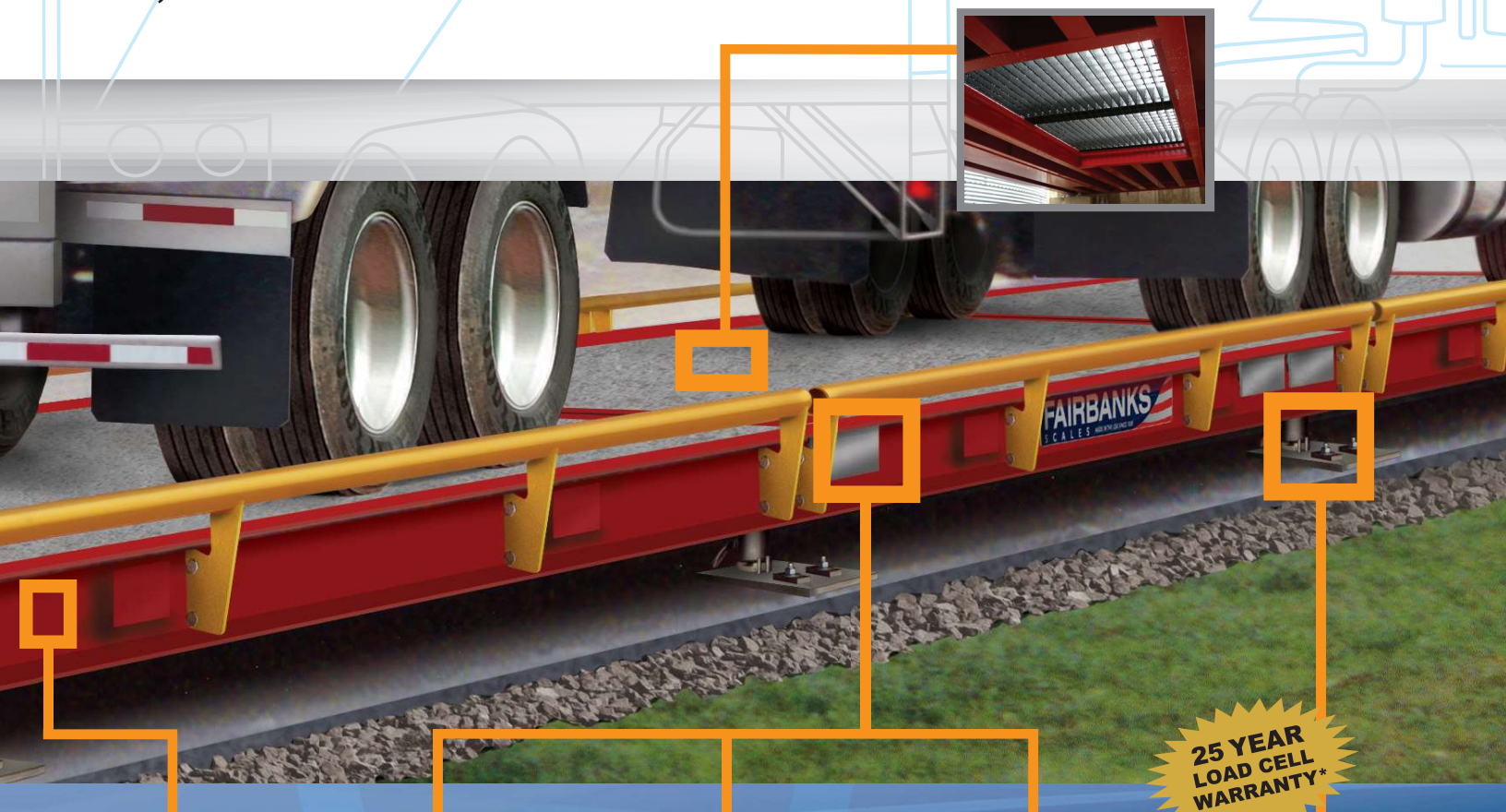
Cabling protected with ArmourGuard stainless steel sheathing

"True" hermetically sealed load cells

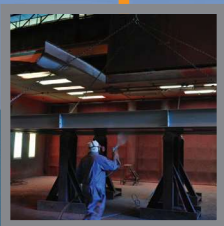
Easy installation and maintenance

Legal-for-trade dump-through modules

have an all-steel design and are available in custom sizes and placements.



**25 YEAR
LOAD CELL
WARRANTY***



Paint for all exposed metal scale components is a chemically cross-linked, two-component, acrylic urethane industrial coating system that stands up to wear.



INTALOGIX TECHNOLOGY

This innovative design feature isolates and guards your scale investment against power surges and dangerous electrical strikes.



Sectional controllers optically isolate load cells, providing the best surge and lightning protection available.



Encapsulated circuit boards provide the best protection in the industry against moisture damage. Our encapsulating material was first used in aerospace applications.



Rocker column load cells have true hermetic seals to prevent moisture intrusion and are electrochemically polished to retard corrosion in the most caustic environments.

**Contact your Fairbanks Representative for warranty details.*

TALON HV & HVX SERIES

ABOVEGROUND FIELD POUR TRUCK SCALES

Weighing Solutions for the World Since 1830

Fairbanks.com

SPECIFICATIONS

Capacities	60 ton to 150 ton (HV) 60 ton to 150 ton (HVX)
CLC	90 k (HV) 100 k (HVX)
Platform sizes	
Lengths	10' to 120' standard Custom lengths available
Widths	10', 11' and 12' standard
Minimum division size	10 lbs
Sections	2 to 7
Modules	1 to 6
Module data:	
Design	Orthotropic
Construction	HV features multiple 6" and 10" I-beams HVX features multiple 6" and 12" I-beams With 1/4" support pan Filled with on-site poured concrete
Under structure	Open bottom
Deck thickness	10" (HV), 12" (HVX)
Cover plates	No
Checking	Bumper
Approvals	NTEP CC# 96-089, MC# AM-4949
Load cell:	
Height	5.5" (HV), 6.0" (HVX)
Load cell material	Stainless steel, 17-4 PH (1.4548)
Load cell capacity	66,000 lbs (HV), 100,000 lbs (HVX)
Overload capacity	300%
Rating	IP69K (NEMA 6P)
Rated output (=RO)	2 ± 0.1% mV/V
Excitation voltage	5...15 V
Zero balance	≤ ± 5% RO
Input resistance	1,150 ± 50 Ω
Output resistance	1,000 ± 2 Ω
Insulation resistance	≥ 5,000 MΩ
Ultimate load	300 %E _{max}
Load cell resistance	1,000 ohms
Load cell output	2.0 mV/V
Load cell cable	15' with stainless steel sheathing
Sealing	Complete hermetic sealing, cable entry sealed with glass-to-metal header
Approval	NTEP CC #97-078

ACCESSORIES

Scale Instruments



Traffic Signals



Custom software



Remote Displays



Ticket printers



Driver Assist Terminals



OPTIONS

Blow-down plates
Custom sizes
Dress plates
Drop plates
Dump through deck
Coal Tar undercoating
Guide post kits
Intrinsically safe electronics
Load cell riser plates
Manholes (square)
Rub rails

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. Central Time

Corporate Headquarters: 6800 W. 64th Street, Overland Park, Kansas 66202

(816) 471-0231 Internet Address: <http://www.Fairbanks.com>

