

# FAIRBANKS<sup>®</sup>

## S C A L E S



### **TALON HV & HVX SERIES**

#### **ABOVEGROUND STEEL DECK TRUCK SCALES**

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

# TALON

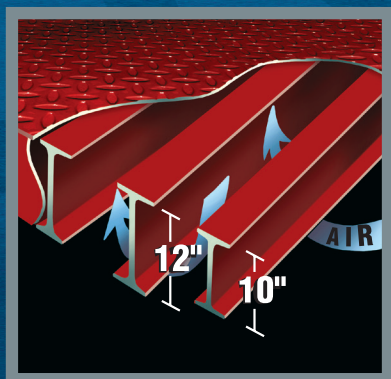
# HV | HVX STEEL DECK

Experience a scale like no other. The Fairbanks Talon Steel Deck 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.

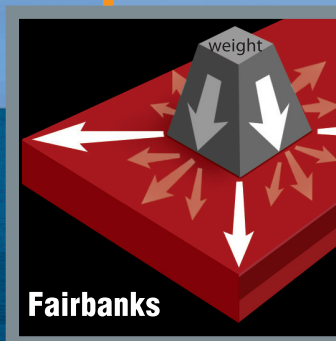
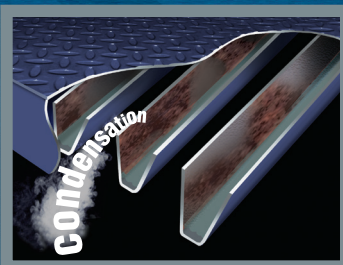


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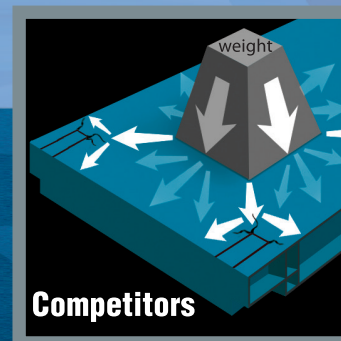
**Open bottom design** allows for air circulation and easy module inspection. Massive 10" and 12" structural support beams boast the lowest deflection in the industry while standing up to the rigors of fast weighing cycles.



**Competitors'** sealed rib panels can form fatigue cracks in the welds, allowing condensation and rust on the unpainted inside of the supports.



**Fairbanks**



**Competitors**

**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.



# THE NEXT GENERATION IN TRUCK SCALE DESIGN

Intalogix® Technology

Solid deck design

Open bottom ventilation system

Encapsulated circuit boards

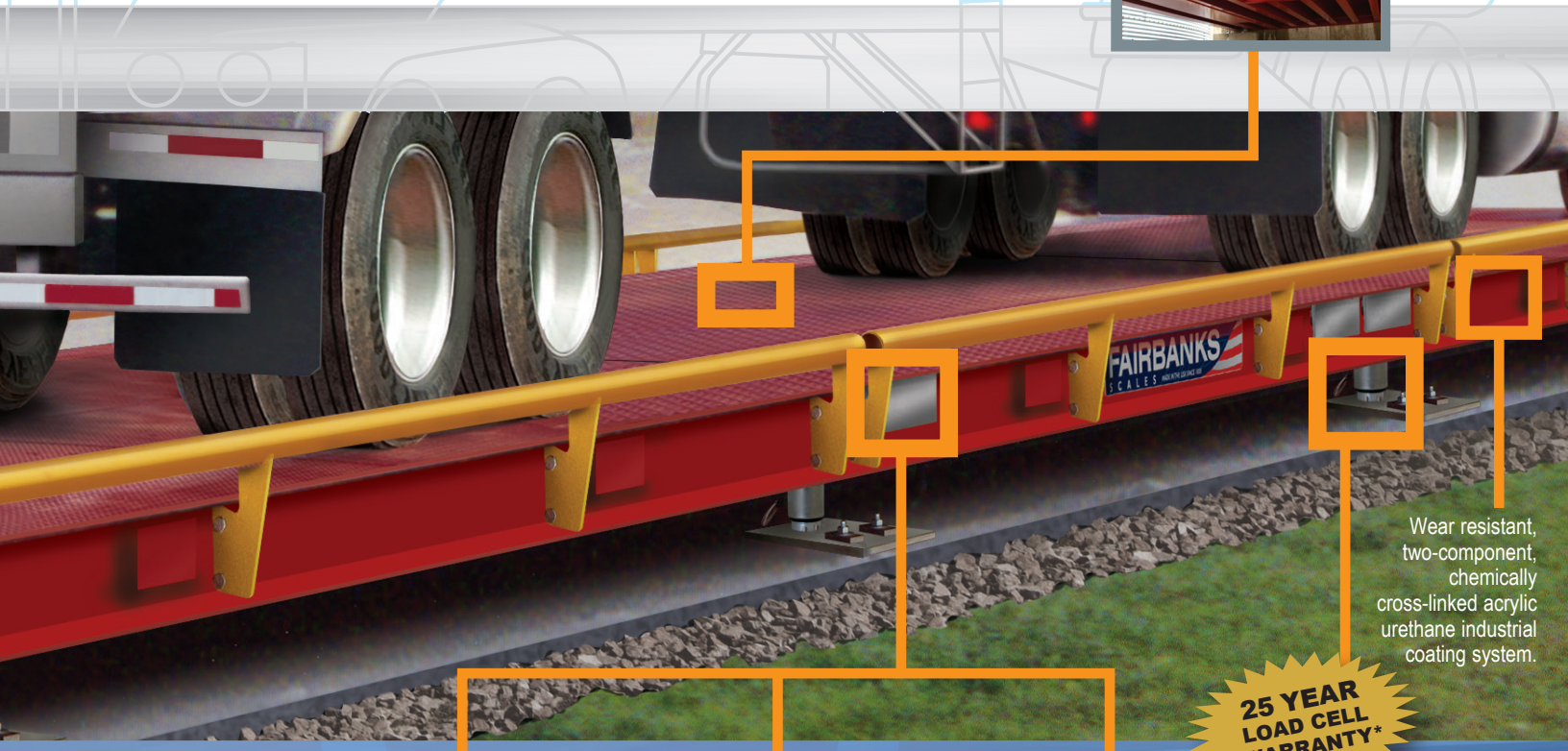
"True" hermetically sealed Minebea Intec load cells

Incredibly strong modules, built to federal bridge standards

Cabling protected with ArmourGuard stainless steel sheathing

Easy installation and maintenance

**Legal-for-trade dump-through modules** have an all-steel design and are available in custom sizes and placements.



Wear resistant, two-component, chemically cross-linked acrylic urethane industrial coating system.

**25 YEAR  
LOAD CELL  
WARRANTY\***



— 12' widths available —

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

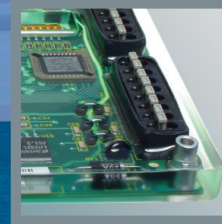


**INTALOGIX™**  
TECHNOLOGY

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.



**Minebea Intec 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 STEEL DECK 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 . . . . .	USA structural steel
Under structure . . . . .	Open bottom
Deck plate thickness . . . . .	1/4" (HV) 3/8" (HVX)
Cover plates . . . . .	No
Checking . . . . .	Bumper
Approvals . . . . .	NTEP CC# 96-089, MC# AM-4949
Load cell:	
Height . . . . .	4.66"
Capacity . . . . .	66,000 lbs (HV) 110,000 lbs (HVX)
Type . . . . .	Rocker column
Sealing . . . . .	Welded, hermetically sealed, gas filled
Material . . . . .	Element - 420 Can - 304
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 ArmourGuard
Approvals . . . . .	NTEP CC# 14-024, Factory Mutual, CE, OIML R60/2000-DE-08.11

### ACCESSORIES

Scale Instruments



Traffic Signals



Custom software



Remote Displays



Ticket printers



Driver Assist Terminals



### OPTIONS

Blow-down plates  
Custom sizes  
Deck runners  
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>

