

FAIRBANKS[®]

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

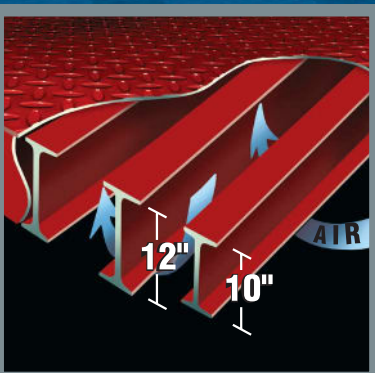
HV | HVX STEEL DECK

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.

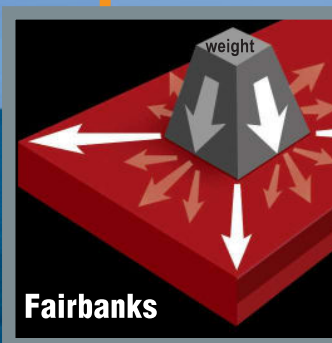
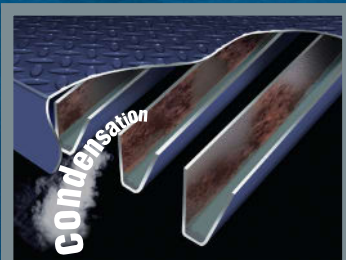


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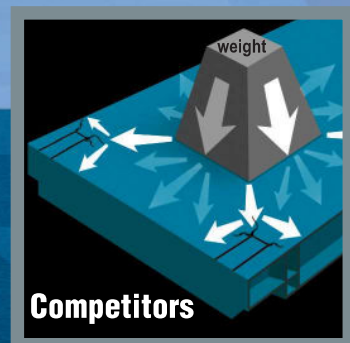
Open bottom design allows for air circulation and easy module inspection. Massive 10" and 12" structural support beams boast the lowest deflection in the industry while standing up to the rigors of fast weighing cycles.



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

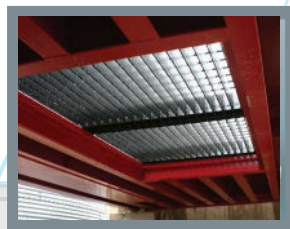
"True" hermetically sealed load cells

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***

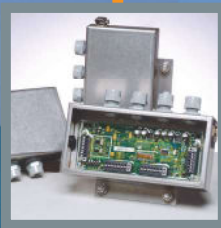


12' widths available



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.

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

*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	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)	$2 \pm 0.1\%$ mV/V
Excitation voltage	5...15 V
Zero balance	$\leq \pm 5\%$ RO
Input resistance	$1,150 \pm 50 \Omega$
Output resistance	$1,000 \pm 2 \Omega$
Insulation resistance	$\geq 5,000 M\Omega$
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
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:



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