

FAIRBANKS® S C A L E S



TALON LOW PROFILE STEEL DECK TRUCK SCALES



Built on a proven orthotropic design, with an ultra low profile for low clearance applications, the Talon fits your space needs and gives you long-lasting performance.

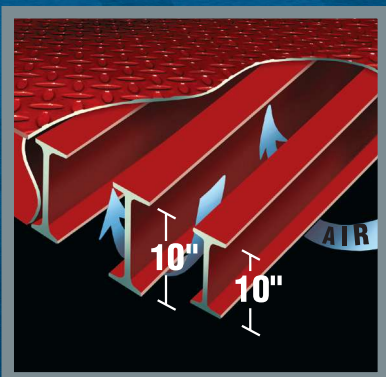
TALON LOW PROFILE

Experience a scale like no other with the industry's lowest profile for applications with low clearance windows and minimal available real estate. The Fairbanks Talon Low Profile 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.

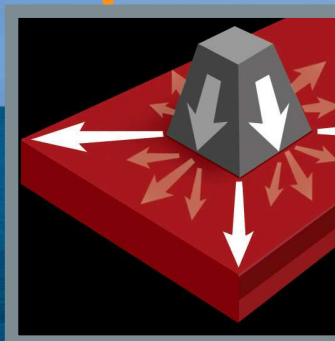


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Open bottom design allows for air circulation and easy module inspection. Heavy-duty 10" structural support beams boast the lowest deflection in the industry while standing up to the rigors of fast weighing cycles.



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



Rugged orthotropic deck design that ensures load is distributed evenly to resist metal fatigue, deflection, and internal deck cracks.



Load cells and electronics are housed in dedicated corner pockets and accessed through easy-to-remove deck plate covers.

THE NEXT GENERATION IN TRUCK SCALE DESIGN

Rugged steel deck weighbridge with 12"-14" profile

Intalogix® Technology

Open bottom ventilation system

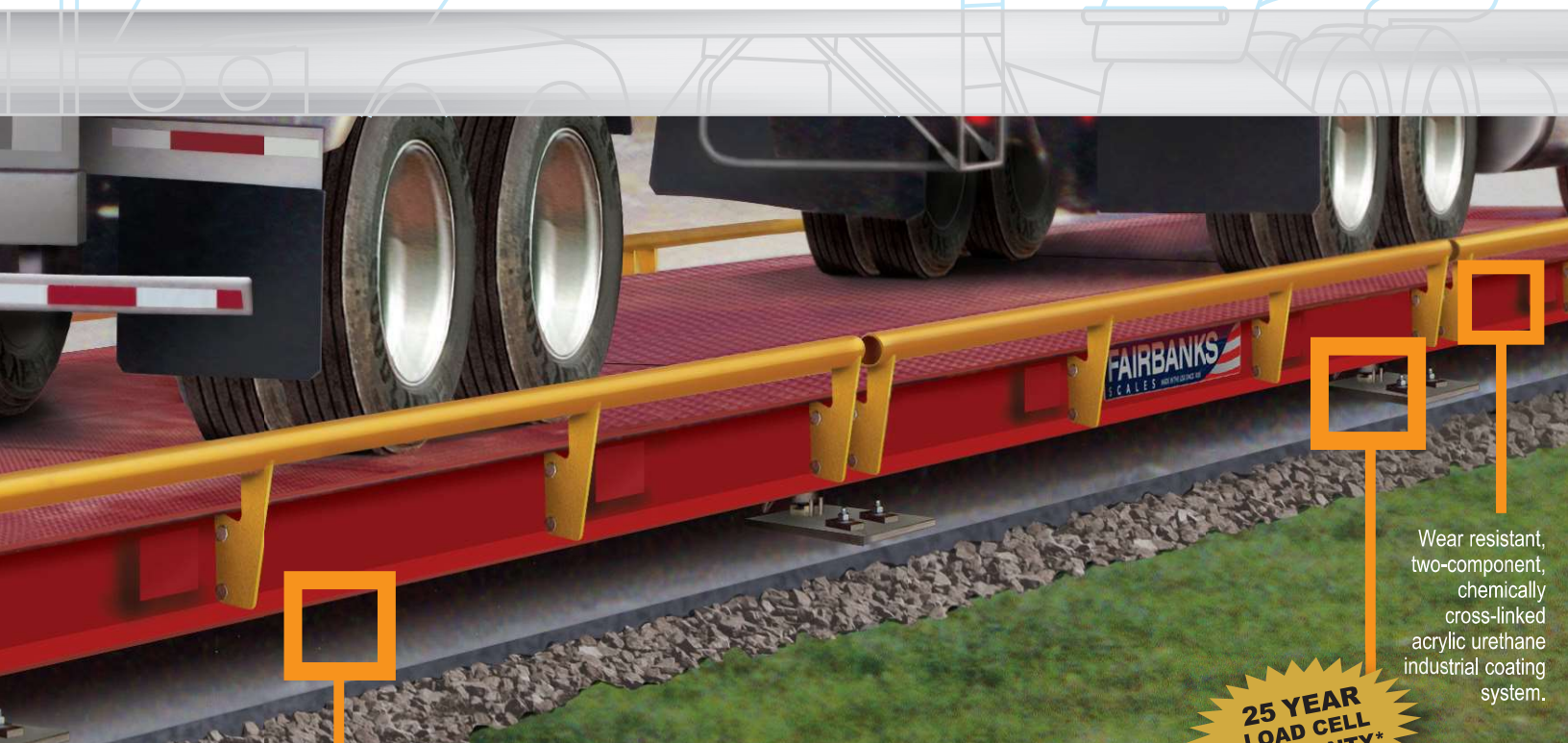
Encapsulated circuit boards

"True" hermetically sealed load cells

Incredibly strong modules, built to federal bridge standards

Cabling protected with ArmourGuard stainless steel sheathing

Easy installation and maintenance



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

**25 YEAR
LOAD CELL
WARRANTY***



Ultra low deck profile, as low as 12 inches, allows for maximum flexibility when low clearance is critical.



INTALOGIX™
TECHNOLOGY

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



Smart 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 LOW PROFILE STEEL DECK TRUCK SCALES

Weighing Solutions for the World Since 1830

Fairbanks.com

SPECIFICATIONS

Capacities	.60 ton to 120 ton
CLC	.60 k
Platform sizes	
Lengths	10' to 120' Custom lengths available
Widths	10' and 11'
Minimum division size	10 lbs
Sections	2 to 7
Modules	1 to 6
Module data:	
Design	Orthotropic
Construction	
Deck material	USA structural steel
Deck thickness	1/4"
Under structure	Open bottom
Cover plates	Yes - Corner access
Checking	Bumper
Approvals	NTEP CC# 96-089, MC# AM-4949
Load cell:	
Height	5.5"
Load cell material	Stainless steel, 17-4 PH (1.4548)
Load cell capacity	66,000 lbs
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



Remote Displays



Traffic Signals



Ticket printers



Custom software



Driver Assist Terminals



OPTIONS

Blow-down plates
Custom sizes
Coal Tar undercoating
Guide post kits
Intrinsically safe electronics
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>

