FAIRBANKS®
SCALES

"TYPE S"
PIT-TYPE TRUCK SCALES

Legendary pit-type truck scale with a timeless cast iron lever design engineered to handle punishing loads with guaranteed accuracy.

Fairbanks.com

What makes Fairbanks' "Type S" the premier industry pit-type truck scale?

LEGENDARY

More than 40,000 installed units world-wide and original equipment that has continued to perform through four generations are two of the powerful reasons why Fairbanks' "Type S" Pit-type Truck Scales are legendary in the weighing industry. Unmatched reliability, accuracy, and dependability make this scale an industry standard. To prove that point, Fairbanks' "Type S" scales are the heavy-capacity mechanical scale of choice and are still used in state government metrology labs and some railroad master scale programs.

LEGENDARY FEATURES

- **Massive, load-bearing, structural steel girders.**
- **Titanium added to cast iron levers to increase scale strength and endurance.**

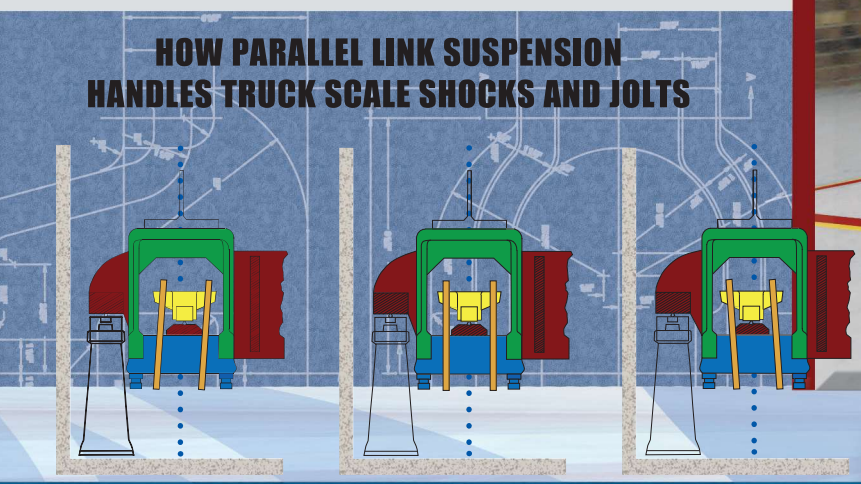
DURABLE & RELIABLE

Legendary truck scales don't become legendary overnight. Decades of durable and reliable performance under heavy, frequent loads and in harsh environments have tested and affirmed the legacy of the "Type S." Experience, forethought, engineering and design all serve as the foundation for its success. As a result, this scale design has stood the test of time while establishing itself as the standard in mechanical pit-type scales.

ACCURATE

Unmatched "Type S" accuracy is derived from one of Fairbanks' hallmarks — our heritage of quality hand craftsmanship. This remarkable scale owes its ability to consistently provide accurate weighments through decades of punishing use to the talent and skill of experienced scale makers at Fairbanks' U.S. manufacturing facility.

HOW PARALLEL LINK SUSPENSION HANDLES TRUCK SCALE SHOCKS AND JOLTS

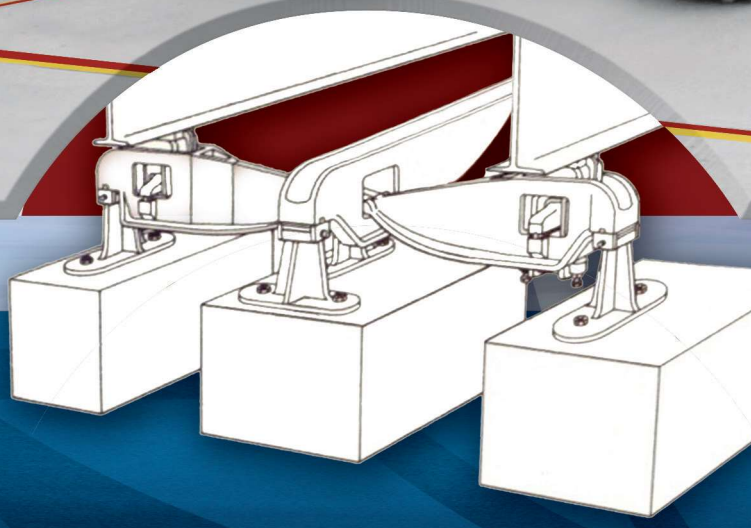


FORCE LEFT | PLATFORM AT REST | FORCE RIGHT

Lever | Parallel Link Suspension | Saddle Block | Trunnion Block | Girder Chair

Fairbanks' Parallel Link Suspension system reduces critical component wear and protects against the stresses of side load shocks.

The system's load pivots and bearings run parallel to the direction of traffic, dramatically reducing pivot and bearing wear.



LEGENDARY "TYPE S"

PIT-TYPE TRUCK SCALES

FAIRBANKS SCALES

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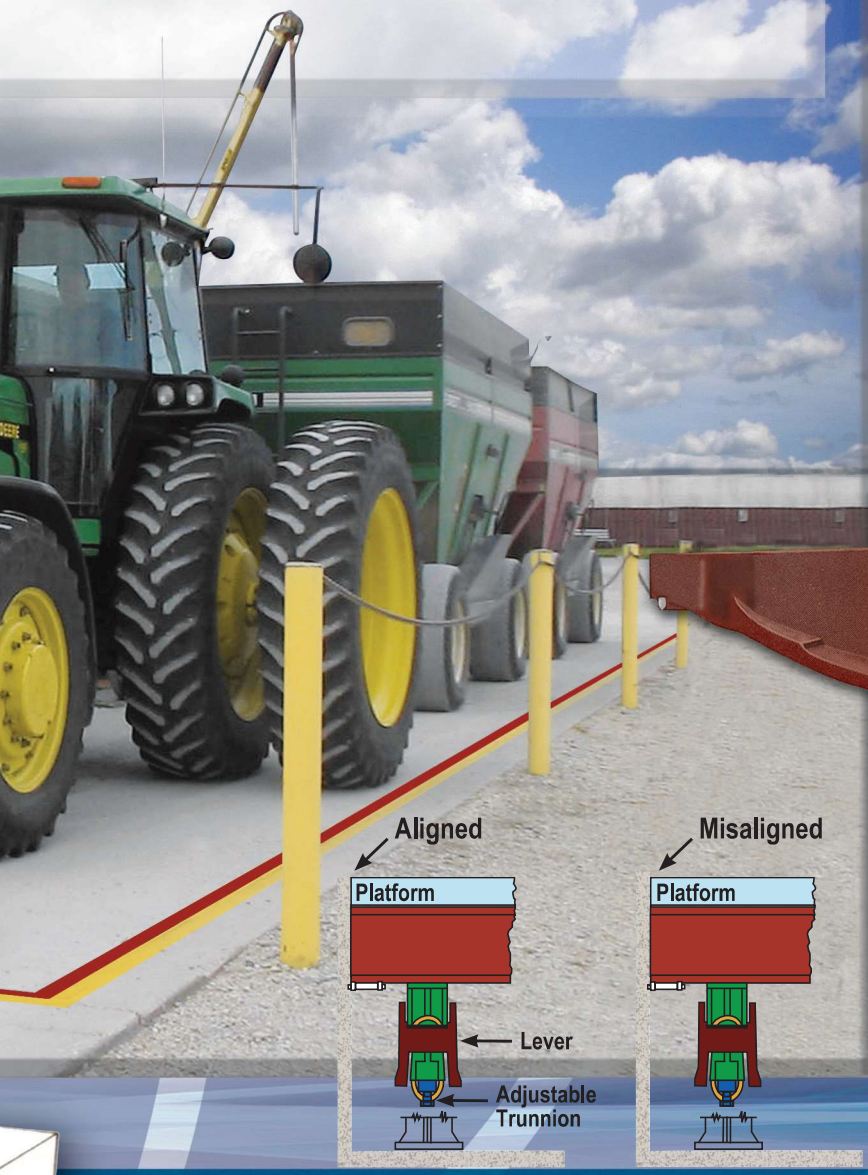
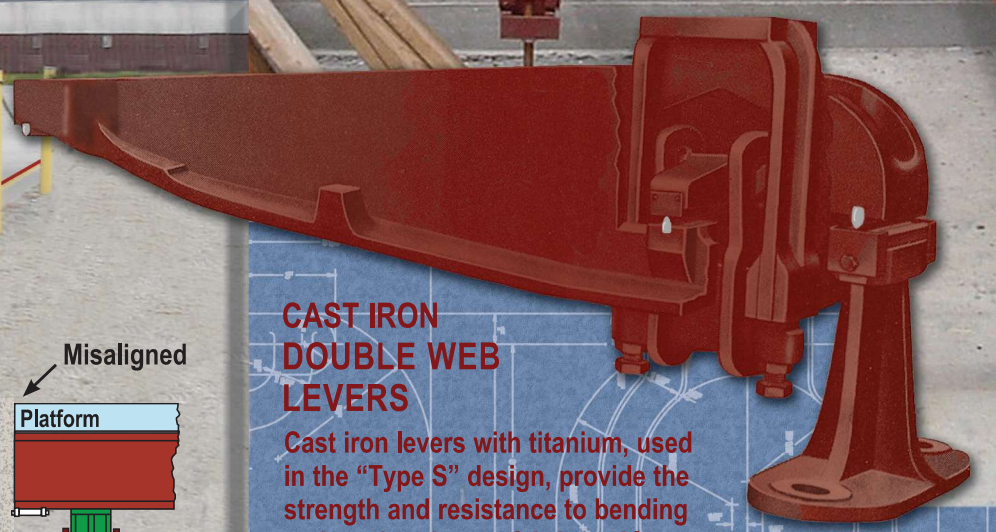
- Axle load models made for sites where real estate limitations prevent "full-length scale" installation.
- Built to withstand the punishment of heavy loads without ever compromising reliability.



Lever | Parallel Link Suspension | Concrete deck | Trunnion Block | Girder Chair



CAST IRON DOUBLE WEB LEVERS

Cast iron levers with titanium, used in the "Type S" design, provide the strength and resistance to bending and torsion that no fabricated lever can.

TRUNNION BOLTS ADJUST FOR EASY PLATFORM ALIGNMENT

Adjustable trunnion bolts enable the scale platform to maintain a proper level in relation to the pit walls, ensuring a smooth, even approach onto the scale and simple maintenance throughout the scale's long life.

PRECISION PIVOTS AND BEARINGS

Made of high-carbon steel and heat-treated for extra strength, this scale's precision pivots are supported, over their entire length, by self-aligning bearings. This unique design helps eliminate stress and prolongs the life of the truck scale. The open design of the "Type S" lever allows easy access to all pivots and bearings when routine maintenance is required.

"TYPE S"

PIT-TYPE TRUCK SCALES

Weighing Solutions for the World Since 1830

Fairbanks.com

SPECIFICATIONS

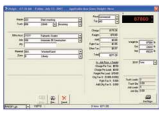
Capacities. . . . . 30 ton to 120 ton
CLC . . . . . 60 k and 80 k
Platform sizes
  Lengths. . . . . 24' to 80' standard
  Custom lengths available
  Widths . . . . . 10' to 14' standard
Minimum division size . . . . . 20 lbs
Sections . . . . . 2 to 5
Foundation . . . . . Pit-type
Weighbridge data:
  Design . . . . . Dual I-beam
  Construction . . . . . Field pour
  Lever type . . . . . Cast iron with removable pivots
  Deck thickness . . . . . 6"
Checking. . . . . Bumper
Suspension. . . . . Parallel link
Approvals . . . . . NTEP CC# 88-154

ACCESSORIES

Scale Instruments

Traffic Signals

Custom software



Remote Displays

Ticket printers

Driver Assist Terminals

OPTIONS

Custom sizes
Dump through deck
Galvanized weighbridge
Guide post kits
Intrinsically safe electronics
Manholes (round)
Side checking
Steel deck
Tension load cell isolation kits

"TYPE S"SERIES

Platform Size	Scale Capacity	Dual Tandem Axle Capacity	# of Sections
24' x 12'	30 tons	60,000 lbs	2
30' x 10'/12'	30 tons	60,000 lbs	2
34' x 10'/12'	50 tons	60,000 lbs	4
60' x 10'	60 tons	60,000 lbs	4
70' x 10'/12'/14'	60 tons	60,000 lbs	5
80' x 10'/12'	60 tons	60,000 lbs	5
50' x 10'	60 tons	80,000 lbs	4
60' x 10'	60 tons	80,000 lbs	4
70' x 10'/12'	60 tons	80,000 lbs	5
70' x 10'/12'	80 tons	80,000 lbs	5
80' x 10'/12'/14'	80 tons	80,000 lbs	5
60' x 14'	120 tons	120,000 lbs	4

"TYPE S"AXLE LOAD SERIES

Platform Size	Scale Capacity	Dual Tandem Axle Capacity	# of Sections
10' x 10'	30 tons	60,000 lbs	2
12' x 10'	30 tons	60,000 lbs	2

GUARANTEED QUALITY, ASSURED BY 15-YEAR WARRANTY

Fairbanks has provided customers with "Type S" scales since the early 1900s. Our confidence in this product is demonstrated by a 15-year Warranty offered on all Endurocast levers. Reference warranty statement 101855 for details.

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

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