



THE
GUARDIAN[®]

**HYDRAULIC
TRUCK SCALES**



*Pictured: Cardinal's model
H13570-EPR Guardian
hydraulic truck scale with
steel deck and optional
guide rails*

Lifetime Load Cell Warranty • Impervious Against Lightning and Water Damage

The Most Dependable

TRUCK SCALE

You Can Buy

**Superb
Accuracy and
Longevity in
Hostile
Environments**

The Ultimate Truck Scale



BUILT TO STAND UP TO THE HARSHTEST ENVIRONMENTS

Cardinal's Guardian series of Hydraulic Truck Scales are the smart choice for demanding applications like solid waste stations, quarries, grain, chemical processing and heavy construction.

Damage resulting from water, lightning and voltage surges, corrosion, rodents, shock loading and extreme climatic conditions can dramatically increase the cost of ownership of your scale. Guardian hydraulic load cells are covered under a true lifetime warranty against all of these protecting your investment. Every Guardian truck scale is fully assembled and tested before leaving the factory.



HYDRAULIC TRUCK SCALES

- SST Load Cells are Impervious Against Lightning Strikes, Power Surges, Rodents, and Water Damage
- NTEP Certified for Commercial Use up to 135 Tons
- Concrete or Steel Decks • Low-Profile or Pit Mounting
- Unprecedented True Lifetime Hydraulic Load Cell Warranty



The Guardian's hydraulic stainless steel load cells are environmentally-sealed (IP68) for high-pressure washdowns and can operate fully submerged underwater for the highest protection possible.



TRUE LIFETIME LOAD CELL WARRANTY

Cardinal manufactures their own stainless steel SST hydraulic load cells for all Guardian truck scales. These load cells carry a true lifetime warranty when installed in a Guardian truck scale by an authorized Cardinal Scale dealer. They offer the highest level of protection possible against water, lightning, power surges and extreme climatic conditions.

NTEP Certificate of Conformance (Legal for Commercial Trade)
EPR Truck Scale: 97-093 | SST Load Cell: 05-076



TOTALIZER JUNCTION BOX

The Guardian's pressure transducers, housed in the totalizer cabinet, are fluidly coupled to their SST hydraulic load cell counterparts and convert the pressure signal into an electrical signal which is sent to the scale's digital weight indicator in the scale house.

GUARDIAN® Low-Profile Truck Scales - Steel Deck

Model	Platform Size	Capacity (Tons)	CLC (Tons)	No. of Sections	Shipping Weight
H4020-EPR	20 ft x 11 ft	40	45	2	9,400 lb
H7040-EPR	40 ft x 11 ft	70	45	3	17,700 lb
H8050-EPR	50 ft x 11 ft	80	45	4	22,500 lb
H11060-EPR	60 ft x 11 ft	110	45	4	26,000 lb
H13570-EPR	70 ft x 11 ft	135	45	4	29,600 lb
H13580-EPR	80 ft x 11 ft	135	45	5	34,400 lb
H13590-EPR	90 ft x 11 ft	135	45	5	38,000 lb
H135100-EPR	100 ft x 11 ft	135	45	6	42,800 lb
H135117-EPR	117 ft x 11 ft	135	45	6	50,200 lb

GUARDIAN® Low-Profile Truck Scales - Concrete Deck

Model	Platform Size	Capacity (Tons)	CLC (Tons)	No. of Sections	Shipping Weight
H4020-EPR-C	20 ft x 11 ft	40	45	2	5,800 lb
H7040-EPR-C	40 ft x 11 ft	70	45	3	10,450 lb
H8050-EPR-C	50 ft x 11 ft	80	45	4	13,400 lb
H11060-EPR-C	60 ft x 11 ft	110	45	4	15,200 lb
H13570-EPR-C	70 ft x 11 ft	135	45	4	16,900 lb
H13580-EPR-C	80 ft x 11 ft	135	45	5	19,900 lb
H13590-EPR-C	90 ft x 11 ft	135	45	5	21,700 lb
H135100-EPR-C	100 ft x 11 ft	135	45	6	24,700 lb
H135117-EPR-C	117 ft x 11 ft	135	45	6	28,900 lb

GUARDIAN® Pit Type and Axle Load Truck Scales - Concrete Deck

Model	Platform Size	Deck Thickness	Tons Cap	CLC (Tons)	No. of Sections	Shipping Weight
H3024SRC-I	24 ft x 10 ft	5 inch	30	30	2	6,091 lb
H5034SRC-I	34 ft x 10 ft	5 inch	50	30	3	7,847 lb
H5040SRC-1	40 ft x 10 ft	5 inch	50	30	3	8,400 lb
H6050SRC-I	50 ft x 10 ft	5 inch	60	30	4	10,410 lb
H10060SRC-I	60 ft x 10 ft	6 inch	100	30	4	11,884 lb
H10070SRC-I	70 ft x 10 ft	6 inch	100	30	4	13,170 lb
H10080SRC-I	80 ft x 10 ft	6 inch	100	30	5	14,661 lb
H100100SRC-I	100 ft x 10 ft	6 inch	100	30	6	18,022 lb
H12060SRC-I	60 ft x 10 ft	6 inch	120	45	4	13,670 lb
H12070SRC-I	70 ft x 10 ft	6 inch	120	45	4	16,186 lb
H12080SRC-I	80 ft x 10 ft	6 inch	120	45	5	16,881 lb
H120100SRC-I	100 ft x 10 ft	6 inch	120	45	6	20,422 lb

CLC = Concentrated Load Capacity: The maximum axle-load concentration for a group of two axles with a center line spaced 4' apart and an axle width of 8' that can safely be applied to the scale.

Concrete Decks: Concrete is not supplied by Cardinal Scale for any of the concrete deck models listed above and must be provided by others.

Other Sizes and Capacities Readily Available: Please consult the Cardinal Scale factory for more options.

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