



# CARDINAL®

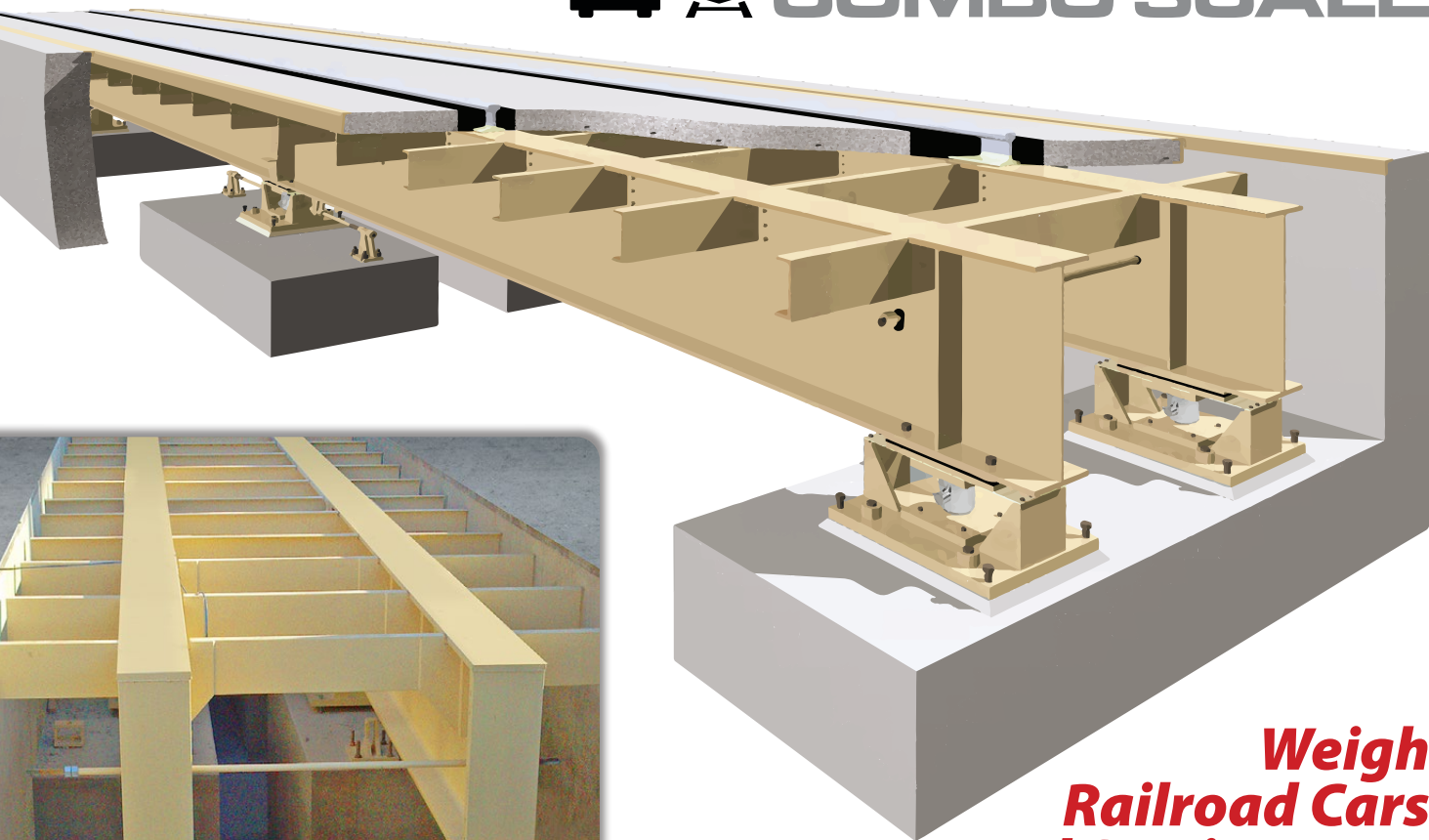
# RSCA

## S E R I E S

# PIT-TYPE



# TRUCK/TRACK COMBO SCALE



The heavy-duty weighbridge design coupled with rugged, environmentally-sealed load cells and mounting assemblies make the Cardinal RSCA Pit-Type Railroad Track Scale the logical choice for virtually every railway weighing need.

## **Weigh Railroad Cars and Semi-Tractor Trailers with the Same Scale**

- Your choice of electronic or Guardian® hydraulic load cells
- 270 ton (245 metric ton) gross capacity – 180 ton (163 metric ton) sectional capacity
- 60 ft (18 m), 66 ft (20 m), 72 ft (22 m), 80 ft (24 m), and 100 ft (30 m) platform lengths available
- E-80 Cooper AREMA rating
- Heavy-duty steel weighbridge designed for 6-inch-thick (0.2 m) concrete deck
- Optional grain dump modules available
- Multi-platform scale version also available

# RSCA

## S E R I E S

# ELECTRONIC AND HYDRAULIC PIT-TYPE TRUCK/TRACK SCALES

Cardinal Scale's RSCA series truck and track scales feature a rugged, accurate, and heavy-duty weighbridge system for static weighing operations. The RSCA is a pit-type rail/truck combo scale that is perfect for weighing a variety of rail car sizes and full semi-tractor trailers.

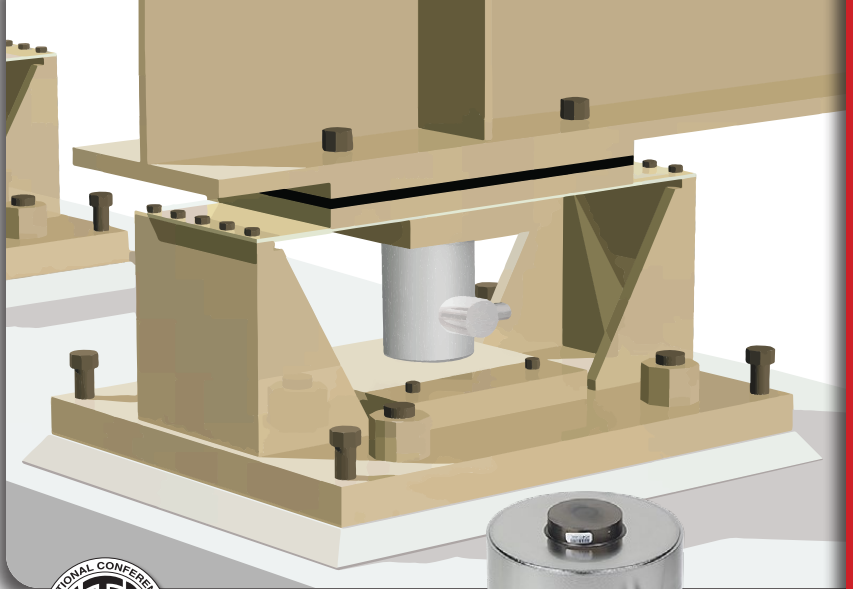
The massively-constructed, NTEP legal-for-trade steel weighbridge of Cardinal's RSCA scale is stabilized laterally with checkrods and other specially designed restraints. Weighrails are sealed into the platform. Special design techniques and manufacturing procedures prevent excessive dirt, moisture, and foreign material from entering the pit, providing this rugged scale accuracy, dependability, and exceptionally long life. The unique weighbridge design prevents lateral forces, caused from rail traffic going on and off the platform, from being transmitted to the stainless steel load cells.



### Includes:

- 8 Cardinal stainless steel compression load cells with cell stands in most models
- Central junction boxes and power supplies
- Fabricated steel weighbridge designed for 6-inch-thick (0.2 m) concrete deck
- Anchor bolts for pit
- Coping angle for edge of pit wall
- Check plates for pit wall
- Checkrods for weighbridge
- Deck channel for edge of deck

### Wide Selection of Indicators Available from Cardinal Scale



LEGAL FOR TRADE

Accuracy Class III/L  
Legal for Trade  
Cert. No. 91-041



### Electronic RSCA

E-80 / Instr. Capacity – 400,000 T (362,874 mT). Standard graduations of instrument is 50 lb (22.7 kg). 20 lb (9.1 kg) graduations are available on special inquiry to factory. Consult factory for pricing.

Model	Gross Capacity	Platform Size	Section Capacity	Load Cell Capacity	Shipping Weight
6080-RSCA-200	270 T (245 mT)	60' x 10' (18 m x 3 m)	180 T (163 mT)	8 @ 200K	29,083 lb (13,192 kg)
6680-RSCA-200	270 T (245 mT)	66' x 10' (20 m x 3 m)	180 T (163 mT)	8 @ 200K	35,261 lb (15,994 kg)
7280-RSCA-200	270 T (245 mT)	72' x 10' (22 m x 3 m)	180 T (163 mT)	8 @ 200K	43,323 lb (19,651 kg)
8080-RSCA-200	270 T (245 mT)	80' x 10' (24 m x 3 m)	180 T (163 mT)	8 @ 200K	51,203 lb (23,225 kg)
10080-RSCA-200	270 T (245 mT)	100' x 10' (31 m x 3 m)	180 T (163 mT)	10 @ 200K	60,087 lb (27,255 kg)

### Electronic Multi-Platform RSCA

Model	Gross Ton Capacity	Platform Size	Section Capacity	Load Cell Capacity	Shipping Weight
552480-RSCA-200	270 T (245 mT)	79' x 10' (24 m x 3 m)	180 T (163 mT)	12 @ 200K	53,763 lb (24,387 kg)

### Hydraulic RSCA

Model	Gross Ton Capacity	Platform Size	Section Capacity	Load Cell Capacity	Shipping Weight
H6080-RSCA-200	270 T (245 mT)	60' x 10' (18 m x 3 m)	180 T (163 mT)	8 @ 200K	29,083 lb (13,192 kg)
H6680-RSCA-200	270 T (245 mT)	66' x 10' (20 m x 3 m)	180 T (163 mT)	8 @ 200K	35,261 lb (15,994 kg)
H7280-RSCA-200	270 T (245 mT)	72' x 10' (22 m x 3 m)	180 T (163 mT)	8 @ 200K	43,323 lb (19,651 kg)
H8080-RSCA-200	270 T (245 mT)	80' x 10' (24 m x 3 m)	180 T (163 mT)	8 @ 200K	51,203 lb (23,225 kg)



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