



# YUKON™

**EXTREME-DUTY TRUCK SCALE**

*The* **SCALE**  
*for* **MOVING**  
**MOUNTAINS**



LEGAL FOR TRADE



If you're in the business of moving mountains one truckload at a time, then Cardinal's extreme-duty YUKON™ is your truck scale of choice. Designed and built specifically for the mining industry and offroad vehicle weighing, the NTEP legal-for-trade YUKON™ features an amazingly-high, 70-ton concentrated load capacity with extra-thick, heavy-duty steel deck plate. Featuring extra-wide concrete or steel decks, the YUKON™ employs Cardinal's compression-type, environmentally-sealed (IP68) stainless steel load cells built in the company's state-of-the-art load cell manufacturing facility in Webb City, MO.

**LARGER-THAN-LIFE OFFROAD VEHICLE WEIGHING!**

- Massive 150-Ton Capacity | High 70-Ton CLC
- Available in Impervious Hydraulic or Electronic
- Durable Baked-on, Anti-Corrosion Powder Paint



**LARGER-THAN-LIFE  
OFFROAD TRUCK SCALE**

Cardinal Scale offers the widest range of truck scale technology available from one scale manufacturer: portable axle, weigh-in-motion, self-contained, electro-mechanical, electronic, and hydraulic.



**REMOTE DISPLAYS**

Cardinal's SB500 displays giant 5-inch-high digits for long range visibility. Features Stop/Go - Red/Green lights for traffic coordination.



**UNATTENDED OPERATIONS**

Lower operating costs by incorporating Cardinal's unmanned vehicle weight management to your truck scale operation. Available with barcode badge reader or proximity badge reader, and/or ticket printer.

**PERIPHERAL EQUIPMENT**

Cardinal offers a selection of optional accessories, including side rails, weight indicators, remote displays, printers, and vehicle weight management software to complete your YUKON™ Truck Scale operation.



**EXTREMELY-HIGH CONCENTRATED LOAD CAPACITY**

The YUKON™ features an amazingly-high 70-ton Concentrated Load Capacity, or CLC. Concentrated Load Capacity is a term defining a scale's ability to weigh loads concentrated in a relatively small area to replicate loads applied by a truck's axles. The large trucks used in mining and excavation support their heavy loads on a relatively few number of axles thus concentrating the total load in a few small footprints on the scale platform. A substantial CLC rating is necessary to ensure that a loading pattern produced by trucks like these is accurately measured.



**LARGER-THAN-LIFE  
OFFROAD TRUCK SCALE**



LEGAL FOR TRADE



LEGAL FOR TRADE



**EXTRA-THICK DECK**

Cardinal's YUKON™ features heavy-duty extra-thick steel deck plate. Optional 8-inch concrete decks are also available.

**LONG-LASTING PAINT FINISH**

The durable baked-on, anti-corrosion powder paint provides a long-lasting quality truck scale appearance for unmatched environmental protection.

**EXTRA-WIDE PLATFORMS**

Available in 12, 14, and 16-foot wide extra-large scale platforms to easily accommodate off-road vehicles.



**SUPERIOR STEEL STRENGTH  
FOR HEAVY-DUTY LOADS**

Each Yukon™ scale deck features an immense steel beam structure for superior strength.



Cardinal model SST Hydraulic Load Cells



Cardinal model SCA Electronic Load Cells

**STAINLESS STEEL LOAD CELLS**

The YUKON™ employs Cardinal's compression-type, environmentally-sealed (IP68) stainless steel load cells, built in the company's state-of-the-art load cell manufacturing facility in Webb City, Missouri. Available in impervious hydraulic or electronic scale types.

# TRUCK SCALES



## ELECTRONIC MODELS

**CAPACITIES:** 150 Tons  
**CLC:** 70 Tons

## HYDRAULIC MODELS

**CAPACITIES:** 150 Tons  
**CLC:** 70 Tons

12-FT-WIDE STEEL DECKS		
MODEL	SCALE LENGTH	SHIPPING WT.
15060-CY12	60 ft.	38,600 lb
15070-CY12	70 ft.	45,000 lb
15080-CY12	80 ft.	51,500 lb

12-FT-WIDE STEEL DECKS		
MODEL	SCALE LENGTH	SHIPPING WT.
H15060-CY12	60 ft.	39,000 lb
H15070-CY12	70 ft.	45,500 lb
H15080-CY12	80 ft.	52,000 lb

14-FT-WIDE STEEL DECKS		
MODEL	SCALE LENGTH	SHIPPING WT.
15060-CY14	60 ft.	45,000 lb
15070-CY14	70 ft.	52,500 lb
15080-CY14	80 ft.	60,000 lb

14-FT-WIDE STEEL DECKS		
MODEL	SCALE LENGTH	SHIPPING WT.
H15060-CY14	60 ft.	45,500 lb
H15070-CY14	70 ft.	53,100 lb
H15080-CY14	80 ft.	60,700 lb

16-FT-WIDE STEEL DECKS		
MODEL	SCALE LENGTH	SHIPPING WT.
15060-CY16	60 ft.	51,500 lb
15070-CY16	70 ft.	60,000 lb
15080-CY16	80 ft.	68,600 lb

16-FT-WIDE STEEL DECKS		
MODEL	SCALE LENGTH	SHIPPING WT.
H15060-CY16	60 ft.	52,000 lb
H15070-CY16	70 ft.	60,700 lb
H15080-CY16	80 ft.	69,400 lb

12-FT-WIDE CONCRETE DECKS		
MODEL	SCALE LENGTH	SHIPPING WT.
15060-CY12-C	60 ft.	23,500 lb
15070-CY12-C	70 ft.	27,350 lb
15080-CY12-C	80 ft.	31,300 lb

12-FT-WIDE CONCRETE DECKS		
MODEL	SCALE LENGTH	SHIPPING WT.
H15060-CY12-C	60 ft.	23,900 lb
H15070-CY12-C	70 ft.	27,850 lb
H15080-CY12-C	80 ft.	31,800 lb

14-FT-WIDE CONCRETE DECKS		
MODEL	SCALE LENGTH	SHIPPING WT.
15060-CY14-C	60 ft.	27,350 lb
15070-CY14-C	70 ft.	31,900 lb
15080-CY14-C	80 ft.	36,450 lb

14-FT-WIDE CONCRETE DECKS		
MODEL	SCALE LENGTH	SHIPPING WT.
H15060-CY14-C	60 ft.	27,850 lb
H15070-CY14-C	70 ft.	32,500 lb
H15080-CY14-C	80 ft.	37,150 lb

### CERTIFICATIONS

The YUKON™ Truck Scale meets or exceeds Class III/IIIL, 10,000 division accuracy requirements in accordance with NIST Handbook 44. A Certificate of Compliance Number **09-061** has been issued under the National Type Evaluation Program (NTEP) of the National Conference on Weights and Measures.



Notice of Approval  
AM-4890



Cardinal Scale reserves the right to improve, enhance or modify features and specifications without prior notice. All registered trademarks are the property of their respective owners.

**Cardinal**  
Cardinal Scale Manufacturing Co.  
203 E. Daugherty, Webb City, MO 64870 USA  
Pb: 417-673-4631 or 800-441-4237 • Fax: 417-673-5001  
[www.CardinalScale.com](http://www.CardinalScale.com)

### SOLD BY:

Central Carolina Scale, Inc  
Sanford, NC  
[www.CentralCarolinaScale.com](http://www.CentralCarolinaScale.com)