



YUKON[®]

EXTREME-DUTY TRUCK SCALE



YUKON[®]

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

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.

The SCALE for MOVING MOUNTAINS

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.



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



LEGAL FOR TRADE

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.

EXTRA-THICK DECK

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



SUPERIOR STEEL STRENGTH FOR HEAVY-DUTY LOADS

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.



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.

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