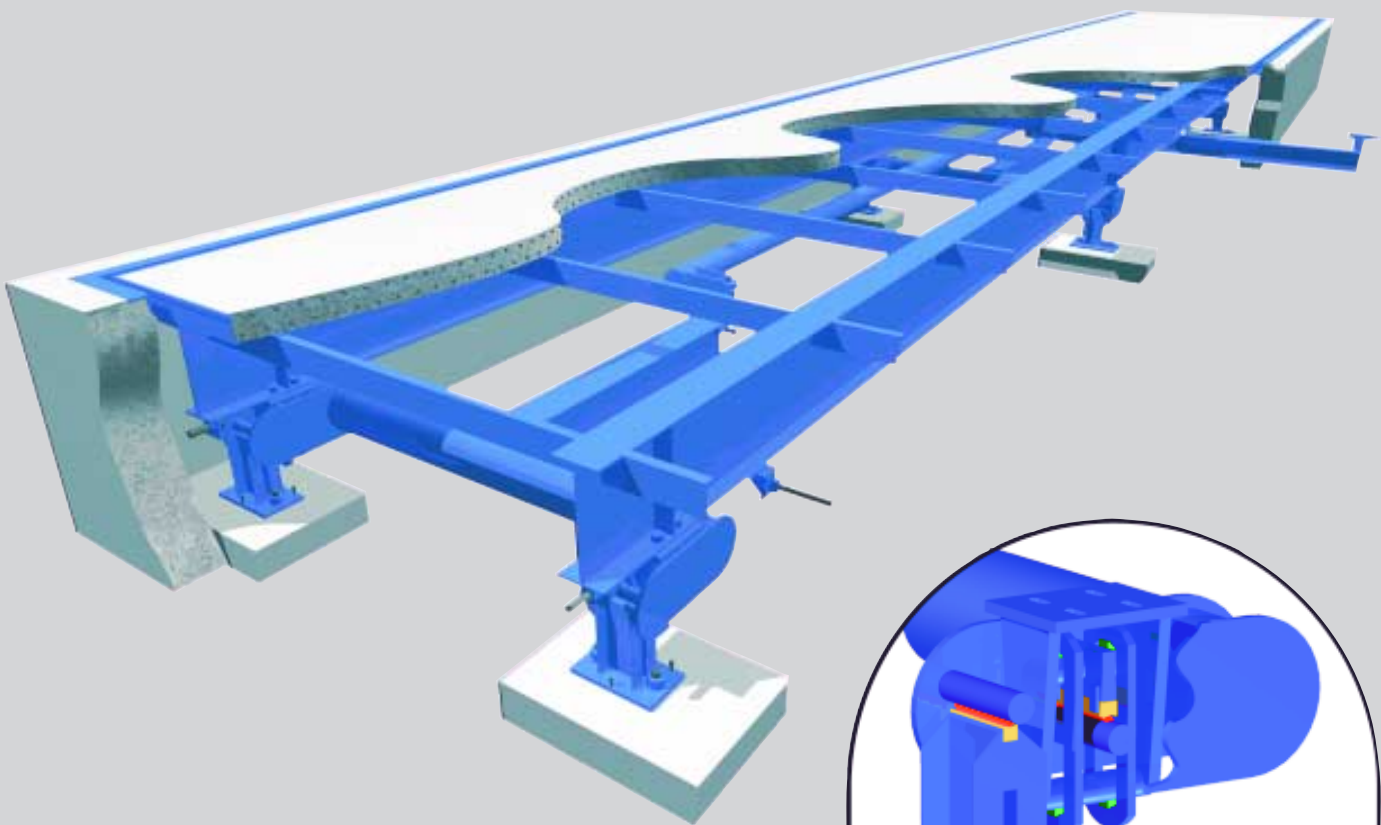




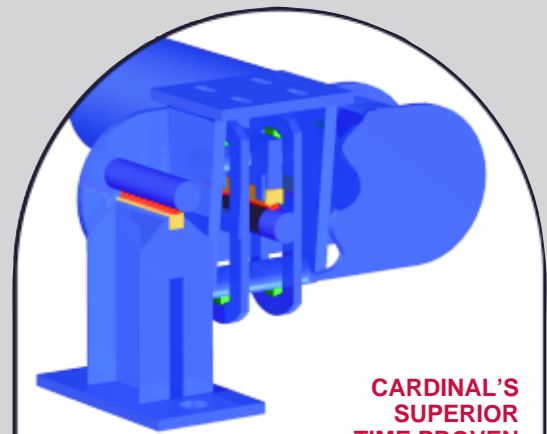
Cardinal's Mechanical Motor Truck Scales

...for fixed installation in concrete pit



The original heavy-duty welded steel Motor Truck Scale is still considered the benchmark in truck scale concepts. Thousands of installations over the past 60 years are testimony to its superior quality and long term accuracy. Since its introduction, Cardinal has continued to modernize and improve its design. So, when it comes to simple straight forward truck weighing - *its the best!*

ALL-STEEL WELDED CONSTRUCTION
Breakage impossible even under heaviest loads.



**CARDINAL'S
SUPERIOR
TIME PROVEN
DOUBLE-LINK SUSPENSION**

The double-link suspension eliminates shock, saves wear on pivots and bearings and prolongs the life of the scale. The unusual suspension construction maintains the bearings in a permanent position on the knife edges and prevents them from rubbing or sliding on the knife edges.

Cardinal Welded Steel Scales

Offer long, dependable service because...Steel does not break!

Cardinal has proven the benefits of using steel for levers - longer life, less maintenance, and better accuracy. We assure accurate weights with less maintenance and lower installation costs by using only four main levers with one transverse lever on the four section scale and two main levers with one transverse lever on the two section scale.

SPECIAL FEATURES AMPLIFY CARDINAL SUPERIORITY

- Welded steel construction provides more strength and dependability, which means less downtime, less maintenance, and high shock resistance.
- Easier to install.
- Pivots operate on a 90° angle with the flow of traffic to assure long, trouble-free performance.
- Double-link suspension with hardened contact points prevent motion of platform being transmitted to the lever system.
- Modern clean cut design.
- Longer life.
- Ultimate in economy.

LESS MAINTENANCE, LESS FRICTION, AND GREATER ACCURACY

Fewer levers in the Cardinal design means less maintenance, fewer points of friction and fewer points of calibration error...to you that means fewer and easier repairs and consequently, less downtime and expense.

PARTS ARE INTERCHANGEABLE AND REPLACED EASILY, QUICKLY

Replacement of the pivots is a simple procedure involving only a few steps: The raising of the platform, the removal of the old pivots and the re-insertion of the new ones. The change can be made within the pit with a minimum of downtime and without any loss in the accuracy of the scale.

CONTINUOUS QUALITY CONTROL MAINTAINED THROUGHOUT MANUFACTURING OPERATIONS

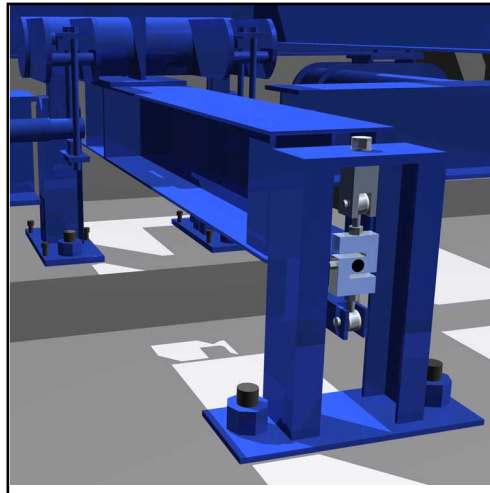
Cardinal puts "Total Quality Effort" behind the manufacturing of their weighing systems. This means precision work in all phases of the manufacturing process: welding, machining, and assembling. Our reputation for strength and dependability extends from design concept to the finished product, and our reputation and concern for the needs and demands of the industry are more than just a part of the Cardinal philosophy...they are our entire manufacturing philosophy.

Weight Displays, and Printers

Various types of weight displays and printers are available to complete your axle weighing package. They include: Type recording and full capacity weighbeams, simple or complex electronic weight displays and printers, scoreboard readouts, traffic controls and other custom systems for single or multiple axle weighing systems. Let Cardinal assist you in selecting the right package for your axle weighing needs.



These scales meet all requirements of Handbook 44, issued by the National Institute of Standards and Technology and has been issued the Certificate of Conformance number 88-012PN.



Mechanotronic Scale System

Advantages of both mechanical and electronic scale systems are combined in Cardinal's dependability of the lever system, and one Cardinal strain gauge load cell, enables weight indication and recording instruments to be located away from the scale platform. This is the most economical approach to electronic weighing and data process recording available. The addition of the load cell eliminates many moving parts, thus making Cardinal's Mechanotronic weighing system the most reliable of its kind.

The inherent design flexibility of the Cardinal Welded Steel Scale makes it possible to design and manufacture virtually any capacity or size motor truck scale with concrete or steel decks. A large variety of standard, popular capacities and platform sizes are cataloged.

Whether you need one of our standard models or need something special, your Cardinal Truck Scale specialist will select the one that best suits your needs - your assurance of long-term accurate performance in truck weighing.

Cardinal Scale reserves the right to improve, enhance, and modify features and specifications without prior notice.

Sold By: