

Taking the Weighing Industry By Storm!

THE

GUARDIAN



Cardinal

HYDRAULIC TRUCK SCALES

“Building a Better Weigh”

Hydraulic loads cells are the most rugged and long-lasting weighing device available in the scale market. Cardinal's extensive truck scale experience has culminated in developing The Guardian Hydraulic Truck Scale, the most dependable truck scale you can buy.

(800) 441-4237 | www.CardinalScale.com

 **Cardinal**[®]
Cardinal Scale Manufacturing Co.



Cardinal Offers You the Best of Both Worlds



What do you get when combine **Cardinal's Guardian Hydraulic Vehicle Scale** technology with the proven **iCan Load Cell Management**?

The ultimate in vehicle scale protection with the most comprehensive scale diagnostics and metrology management system available.

The features speak for themselves:



SST HYDRAULIC LOAD CELL

Cardinal's SST series hydraulic load cells offer precision measurement in a rugged all-stainless steel package. The SST cells were the first hydraulic load cells to attain a full NTEP certificate of conformance. The SST hydraulic cell is able to operate fully submerged in water and is immune to lightning damage. The SST is available in either 50,000 lb or 75,000 lb capacities.



THE GUARDIAN HYDRAULIC CONVERTER

Cardinal's Guardian Hydraulic Converter contains one Cardinal PTG-3K pressure transducer for each SST series load cell. These precision pressure transducers convert the pressure signal from each hydraulic load cell into an electrical signal. The pressure tubes from the hydraulic load cells are electrically isolated from the remainder of the system, providing a high degree of electrical protection. Unlike similar devices, the Guardian Hydraulic Converter needs no mechanical adjustments.



ICAN LOAD CELL MANAGEMENT SYSTEM

Cardinal's optional iCan Load Cell Management System provides full load cell diagnostics automatically detecting and identifying load cell problems before they become critical. The fiber optic interface to the indicator ensures that the electrical isolation of the hydraulic cells is not compromised. Coupled with Cardinal's iSite software, the iCan system can be accessed from anywhere in the world. Diagnostic tools allow service to be performed without leaving your office.



WEIGHT INDICATORS

Cardinal's optional weight indicators allow you to troubleshoot directly from the indicator display which provides real-time operator notification of potential problems. Cardinal's indicators provide on-screen viewing of individual load cell report data, ensuring quick and concise information on your scale's performance.



LEGAL FOR TRADE

Each of these components has been evaluated under the National Type Evaluation Program and found to be acceptable for commercial use:

SST Hydraulic Load Cell.....	05-076
iCan Load Cell Management System.....	03-108
Weight Indicators.....	01-011 (model 225) - 08-046 (model 825)