

# Dump Truck Scale

Accurate and reliable in harsh environments



Designed to accurately measure dump truck and/or trailer payload weights and to reliably operate in harsh environments.

**Rear Hinge Assmly with Shear Pin Load Cells**

## Key Features:

- Flexible - The partial rear hinge kit allows installers to use existing angle brackets
- Easy installation - The full rear hinge assembly provides a precision hinge assembly and bracket welded in place, just like a normal hinge
- The high strength shear pin load cell is designed for easy installation and low maintenance
- The hinge bracket features composite bushings for maximum durability, accuracy and load cell life

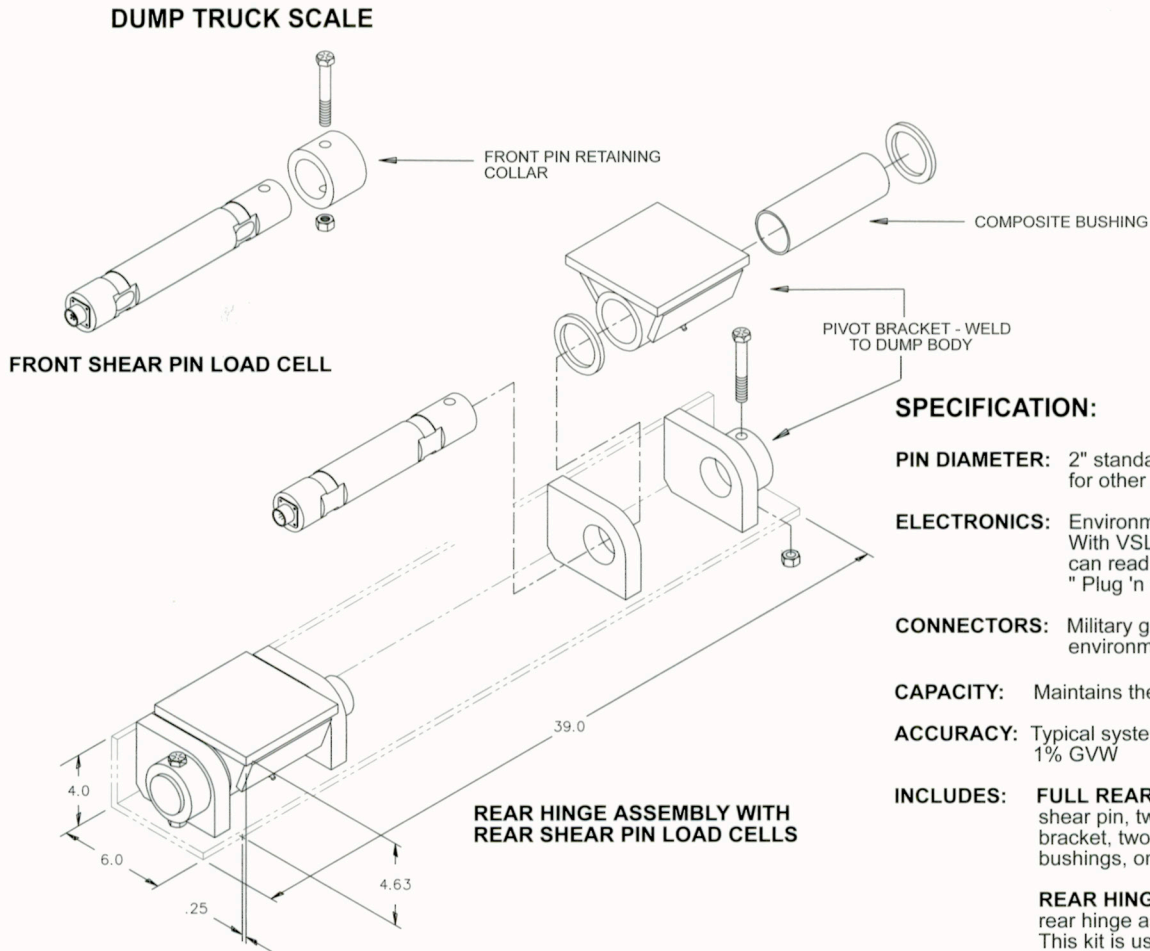
- The hinge bracket is painted with a weld through primer
- The load cells are made from high strength alloy steel
- The system uses reliable, double-sealed military style connectors
- Excellent for both on-road and off-road applications

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# Dump Truck Hinge Assembly



## SPECIFICATION:

**PIN DIAMETER:** 2" standard, consult factory for other sizes

**ELECTRONICS:** Environmentally sealed  
With VSL electronics any truck can read any trailer - just "Plug 'n Go"

**CONNECTORS:** Military grade with dual environmental seals

**CAPACITY:** Maintains the original system capacity

**ACCURACY:** Typical system error less than 1% GVW

**INCLUDES:** **FULL REAR HINGE ASSEMBLY** - One 13" front shear pin, two 11" rear shear pins, one rear hinge bracket, two pivot brackets with composite bushings, one front pin retaining collar.

**REAR HINGE KIT** - Same components as a full rear hinge assembly but without the 4" x 6" angle. This kit is used when the installer wishes to use the existing rear hinge bracket on retrofit installations.

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