

GS SERIES WIRELESS LOAD CELLS



STANDARD SINGLE PART LINE PULL SIZES INCLUDE:

5,000 lb (2.5 ton)
12,000 lb (6 ton)
18,000 lb (9 ton)
35,000 lb (17.5 ton)
60,000 lb (30 ton)
100,000 lb (50 ton)
170,000 lb (85 ton)

THE GS SERIES OF WIRELESS LOAD CELLS PROVIDE THE HIGHEST LEVEL OF ACCURACY AND RELIABILITY

At LSI we take the scope of our business very seriously. Our load cells are installed inline on cranes and lifting equipment. They are critically important elements in the structural integrity of the safe lifting of the load.

We strongly believe that we have set the standard for load cell quality control programs found in our industry. Our specific quality control program is designed to ensure that our load cells will not fail under load, outside of neglect or abuse.

Each LSI load cell is built from 17-4 stainless steel. The 17-4 provides you with a very strong strength yield and excellent corrosion resistance.

To ensure that your system setup time is minimized, each load cell

ships pre-calibrated, eliminating the need for test weights. Simply install the load cell, and our display, and you will be ready to go to work.

We ship each load cell standard with a "D" cell lithium battery. This is a military grade battery and will withstand temperature variances from the Canadian Arctic to the deserts of Dubai. Our load cells are rated from an operating temperature of -30°F to +180°F; -35°C to +85°C.

Each sensor is equipped with a voltage switcher allowing a "D" cell alkaline battery to be installed into the transmitter. This would only be in the event you cannot easily source a lithium battery once the 3 week low battery warning activates through the system display.

LSI temperature compensates our load cells to ensure a consistent load value regardless of temperature or location. We burn in our load cells in a temperature chamber to ensure maximum reliability and durability.

Accuracy on a single part of line is an impressive .1% and averages 1% on multiple parts of line.

Standard single part line pull sizes include: 5,000 lb (2.5 ton), 12,000 lb (6 ton), 18,000 lb (9 ton), 35,000 lb (17.5 ton), 60,000 lb (30 ton), 100,000 lb (50 ton) and 170,000 lb (85 ton).

LSI always wants to provide the utmost reliability. We take extra steps to pot our electronics in a gel that eliminates moisture failure on the circuit board.



LOAD CELL CAGE (SKIP FRAME)

**HAVE CONFIDENCE THAT YOUR LOAD CELLS AND EQUIPMENT WILL
BE PROTECTED, EVEN IN THE TOUGHEST OF APPLICATIONS**



LSI Load Cells are built for rugged applications. While our load cells are very durable, there are still certain applications that require additional protection. The new Load Cell Skip Frame has been designed with the toughest applications in mind.

The Load Cell Skip Frame is available in 3 sizes for the 6t/9t (12K/18K) load cells, the 17.5t (35K) load cells and the 30t (60K) load cells.

The “quick slip” design allows you to simply slip the LSI Skip Frame over the load cell and secure it into place utilizing the existing load cell adaptor plate pin. This quick, no-nonsense installation saves valuable time on the job site.

