

**RUDRRA SENSOR**  
The load cell Technology



# Load Cell Manufacturer

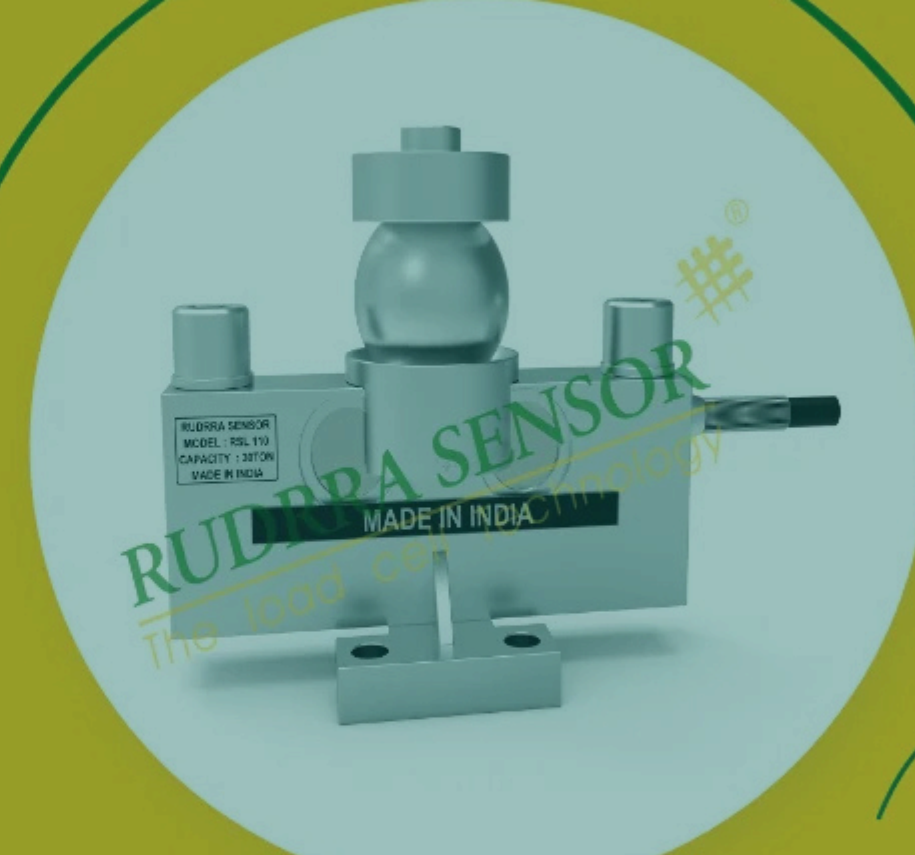
[www.rudrrasensor.com](http://www.rudrrasensor.com)



# WE OFFER HIGH- GRADE SHEAR BEAM LOAD CELLS

AN EXPERIENCED LEADER IN PROVIDING  
FORCE SENSOR SOLUTIONS.

[VIEW DETAILS](#)



## About Us

Rudra Sensor specializes in high-quality load cells, crafted from the finest materials. We have years of experience, we provide custom solutions to industries worldwide, especially transportation. Our products are known for their precision, reliability, and ability to meet diverse customer needs.

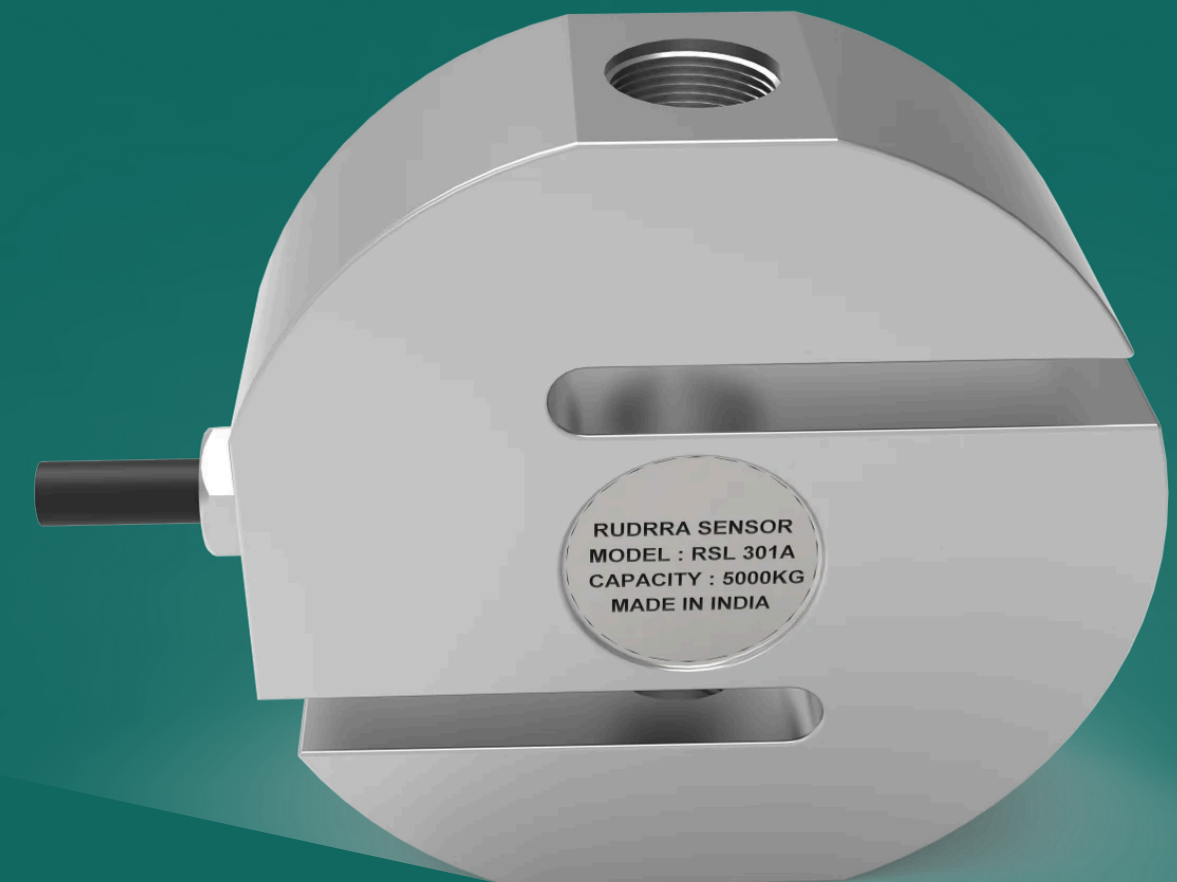


# What are Load Cells?

Load cells are devices used to measure force or weight by converting mechanical force into an electrical signal. They are essential components in various industries for precision weight and force measurement.

## How They Work

Load cells operate on the principle that when a force is applied to them, they experience deformation. This deformation causes a change in an internal property, usually resistance, which is then converted into an electrical signal. The magnitude of this signal is proportional to the applied load, allowing for precise force measurements.



# Double Shear Beam Load Cell

Handle heavy loads effortlessly with Rudrra Sensor double shear beam load cells. Designed for strength and accuracy, ideal for truck scales and industrial weighing systems requiring dependable performance.

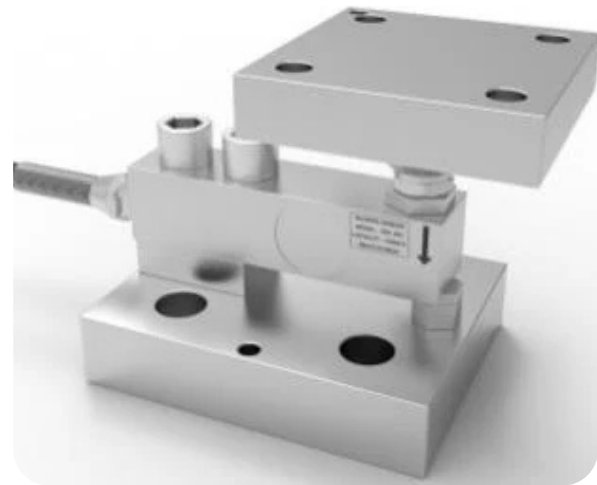


# Sensor Solution



## PROCESS WEIGHING

Our high-grade load cells are built for optimum performance when useful in process weighing applications. Get precise and standard load cells for process weighing equipment to meet any requirements and needs virtually.



## UNIVERSAL TESTING MACHINE

Rudra Sensor can provide you the best quality load cells for the Universal Testing Machine to test the tensile and compressive strength of different materials.



## WEIGHT CHECKER

Load cells can also be useful in the weight checker equipment that helps in measuring the weight of numerous objects and things.



## MEDICAL DEVICE

We can manufacture and supply load cells that have a wide range of applications in the medical sector. We can provide sensor solutions for medical devices such as exercise equipment, patient hoists, and infant incubators.



## INDUSTRIAL AND AGRICULTURAL

Modern industrial and agricultural machinery requires a safe and precise operation which can be possible with the use of our top-class load cells and sensors.

# THANK YOU



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