

# SILO WEIGHING SYSTEM

Load Cell Based Technology  
Provides Better Accuracy  
In SILO Weighing System



At Essae we believe that profit protection is the main function of our weighing systems. Essae weighing systems help you bring in require speed and accuracy in weighing material - be it the incoming raw material required for production, the waste that is being sold out, or the finished product going to the market.

The rationale behind the purchase of Essae weighing systems is to stop the pilferage, control the movement of material and protect against human error and other frauds.

Silo weighing enables easy material management by providing live weight of material. Monitoring and controlling of the process becomes easier than ever with seamless integration options to other control systems.

## Silo Weighing System Suitable For

- ▶ Chemical Industries
- ▶ Pharma Industries
- ▶ Agricultural Industries
- ▶ Sugar factory and other Process Industries

## Advantage

Silo weighing provides live data of material being filled in Silo & exact material available at any given point of Time. Material management is at ease.

## System Features

- a. Silo/Tank/Hopper/Bin/Vessel weighing capacities ranging from 10t to 50t
- b. Pre-calibrated system from factory and restore factory calibration at any time
- c. Weight retention feature in the event of power failures
- d. IP67 protection for Load cells
- e. Optional SS housing for indicator
- f. Optional interfaces with plant control systems like batching, filling, dosing etc.
- g. Silicon coated load cells and Galvanized Mounting arrangement prevents from corrosion

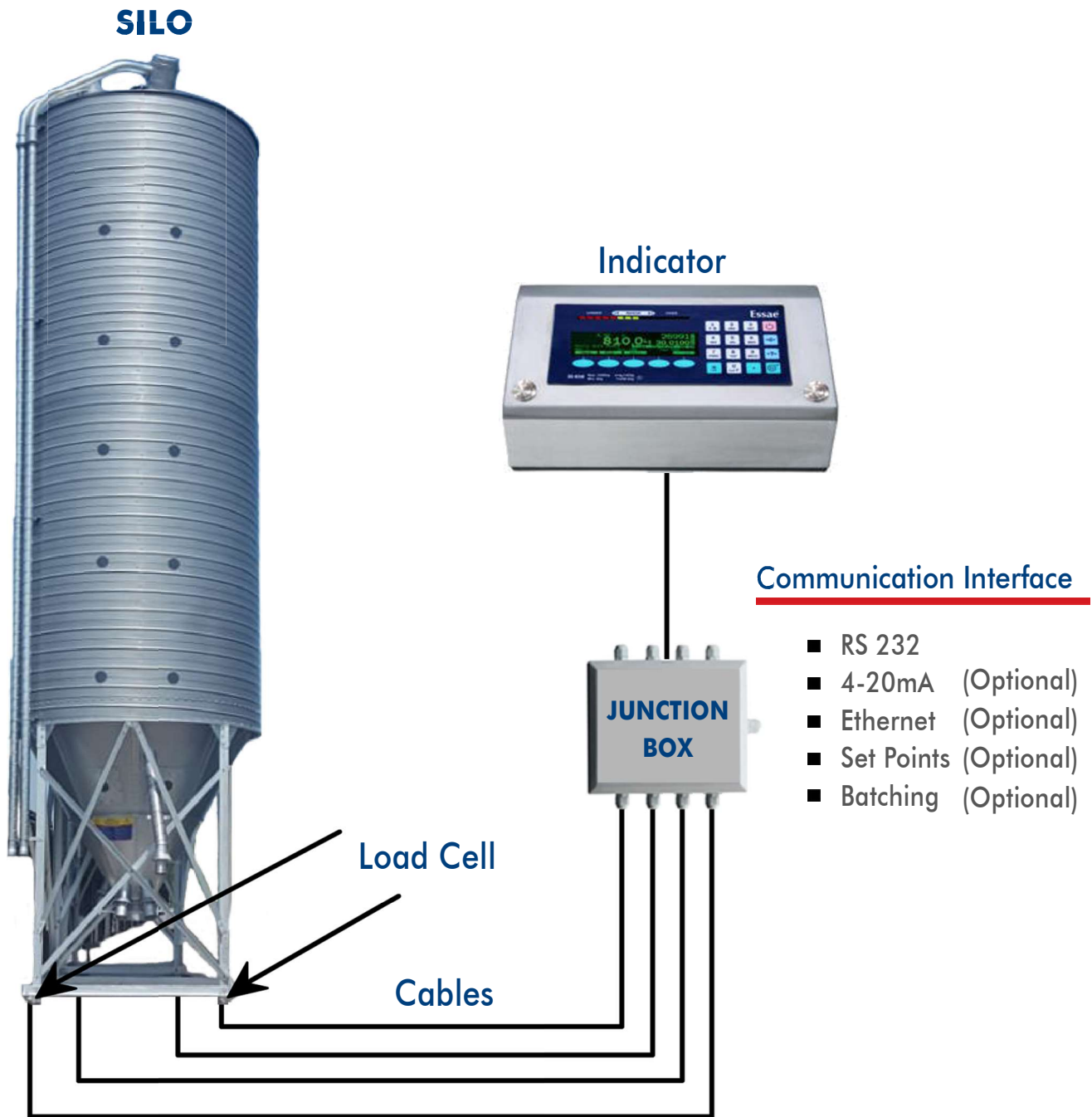


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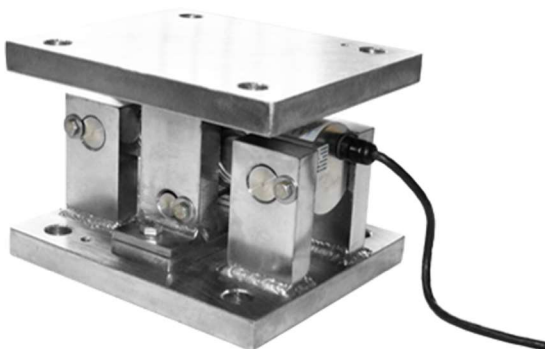


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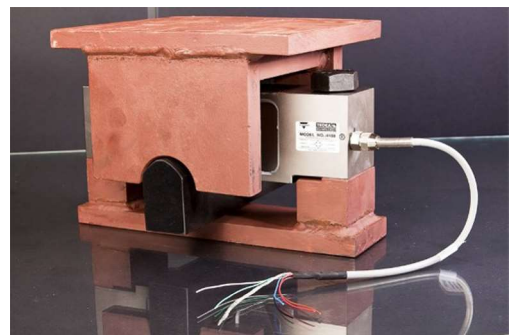
## System Architecture



## Double Shear Beam Load Cell Mounting



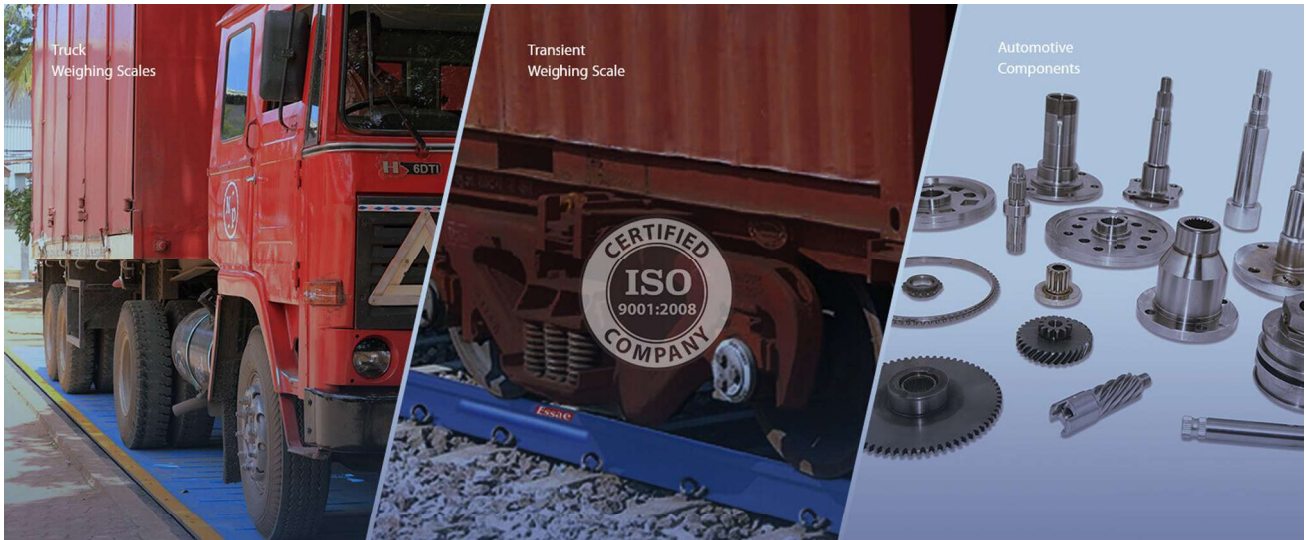
Galvanized MS Mounting Arrangement



Silicon Coated Alloy Steel Load cell



## Our Product Range



### Integrated Weigh Terminal



### Unmanned Weigh-Bridge



## Essae Digitronics Private Limited

An ISO 9001:2008 Certified Company

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Disclaimer : Due to continuous R&D the specifications are subject to improvement without prior notice.