



PROCESS INSTRUMENTATION

Solids Inventory Measurement, Level, Weighing, and Feeding

usa.siemens.com/weighing

SIEMENS

So what do you need to accurately measure?

In field instrumentation, maximum precision and absolutely reliable measurement results are key to proper inventory control. To ensure maximum precision, selecting the right technology for your application is critical. Siemens is the **only** instrumentation manufacturer with a full portfolio of solids inventory measurement instruments including level, weighing and feeding.

Our intelligent instruments are also designed for seamless interplay with the larger world of industrial automation and control systems – enabling greater process transparency and smarter decisions for your business. Benefit from the competence of Siemens: a full automation vendor operating around the globe, with a full complement of services ranging from site audits, to training, to commissioning, to calibration. Programs are offered 24/7 with access to technicians for phone support.



Radar Continuous Level Measurement

Siemens pioneered the use of high frequency radar for non-contacting measurement of the level of solids in silos, hoppers, and bins even in extremely dusty environments.



Point Level Switches

Multiple level switch technologies for low and high point level detection of solids with varying bulk densities.



Load Cells and Weighing Electronics

Load cells and weighing electronics for silo, hopper, and bin measurements that can be connected to multiple control platforms via Ethernet IP, Profinet, or Modbus TCP that allows digital access to individual load cells for diagnostics, troubleshooting and asset monitoring.



Solids Flowmeters

Heavy duty continuous in-line dry bulk solids flowmeters for accurate, repeatable measurement of powders and granules as they flow through a pipe.



Belt Scale

Siemens belt scales allow drop-in installation, the smallest footprint and quick calibration with a simple, proven construction built around the most effective load cell technology in the industry.

Weighfeeder

Light-to-medium duty weigh feeders are configured to deliver fast, reliable, and uninterrupted supply of materials in a process.



Digitalization

Web based apps for remote, cloud-based monitoring of the material level or weight in silos, hoppers, and bins for access to KPI's by plant personnel.

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