



## LOAD CELLS AND WEIGHING ELECTRONICS

### EXAMPLES OF USE BY FIELD OF INDUSTRIAL SECTORS

- Chemical Industry
- Pharma and Cosmetics Industry
- Production and Processing of Plastics
- Bakeries
- Dairies
- Sweets Production
- Breweries / Malthouses
- Animal Food & Feed Production
- Steel Production
- Foundries
- Light Metals Industry
- Paper Mills & Production of Packing Materials
- Fertilizer Production
- Waste Treatment (Recycling)
- Sewage Plants
- Cement Plants
- Ready-Mix Concrete Production
- Selenitic/Plaster Plants & Limekilns
- Production of Light Concrete
- Processing of Stones and Minerals
- Glass and Ceramics Production
- Wood/Timber Industry
- Tanneries

## EXAMPLES OF USE (SCALE TYPES)

- Platform Scales
- Container Scales
- Mixer Scales
- Big-Bags
- Filling and Packing Scales (e.g. for filling processes of bags, bottles, cans, buckets, basins, other storage media.)
- Control/Checking Scales (also for classification)
- Weighing Conveyor Belts
- Truck Scales, Weighbridges and Scales for Wheel Loads
- Train Scales
- Crane Scales
- Sorting and Counting Scales
- Multiple-Component Filling and Dosing /Batching Scales, Formulation Scales
- Silo Scales

### Modernization / Upgrading of old mechanical Scales

- If the mechanical parts (pans, blades, levers) are still in a good condition, a change into a hybrid system is possible. Therefore only one Load Cell is required. This has to be installed at the right place (e.g. drawbar).
- If the mechanical parts are not anymore in a good condition, the pans, blades and levers have to be removed. Load Cells have to be installed then at the load points where the load is applied.

### New Constructions of Scales

- Models and Types of Load Cells and their technical specifications are adjusted to the construction of the scale.
- Depending on the type of scale there have to be installed 1, 2, 3, 4 or 6 Load Cells of the same nominal load.