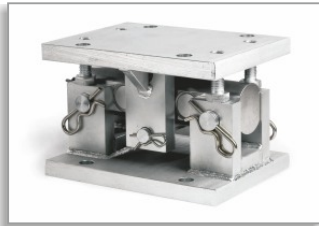


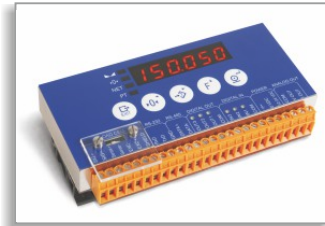
WEIGHING KITS IN TANKS, REACTORS AND SILOS



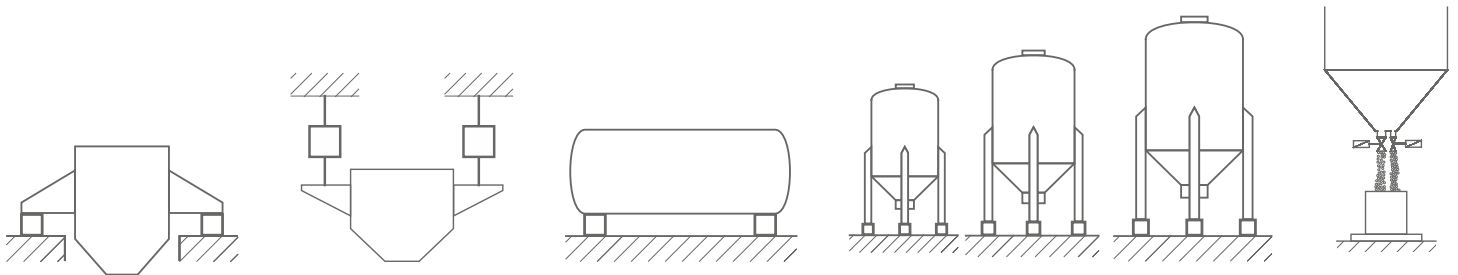
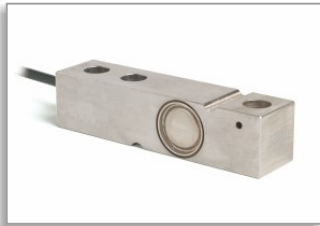
**Load
Cells**



**Mounting
Accessories**



**Weighing
Indicators**



WEIGHING KITS IN TANKS, REACTORS AND SILOS



+ Value in Weigh Tech

ACKNOWLEDGED WORLDWIDE BRAND NAME IN THE WEIGHING INDUSTRY

UTILCELL is a manufacturer of Load Cells, Mechanical Weighing Accessories and Weighing Electronics.

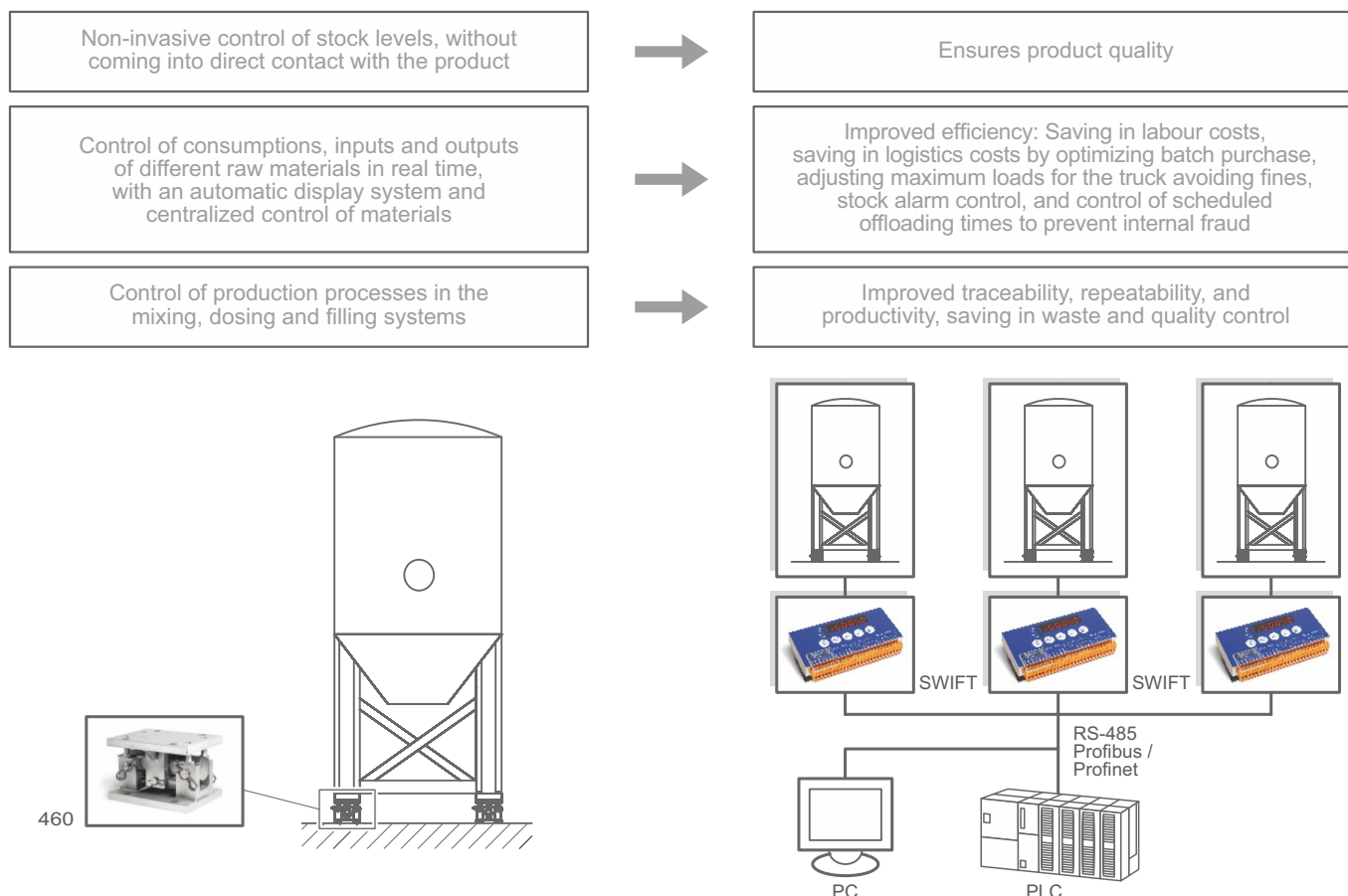
Since the beginning, 35 years ago, UTILCELL is one of the leaders in the European load cell market, expanding internationally and being consolidated today as one of the main manufacturers in the world. The headquarters are located in Barcelona, with local offices in several countries and an extensive worldwide distribution network.

WEIGHING KITS FOR STOCK CONTROL, MIXING, DOSING AND FILLING IN TANKS, REACTORS AND SILOS

UTILCELL has a wide range of weighing kits specially designed to be installed in tanks, reactors and silos.

- Weighing control from small reactors to large storage silos of 600 t per support point.
- High accuracy and repeatability of weight values.
- Load cells, junction boxes and weighing indicators ATEX-certified, for work in potentially explosive atmospheres of gas and dust.
- Fully stainless steel construction & hermetically-sealed. IP 68 / IP 69K protection for applications requiring cleaning with high-pressure water jets, such as in the food industry, farm cleaning, etc.
- Wide temperature range for working in the most extreme environments, with service temperatures from -50 °C to +95 °C, and, in some models, optional up to +200 °C.
- Mounting accessories with lift-off prevention and silent-block kits, offering the system easy assembly and perfect transmission of force against thermal expansion, twists, structural deformation and vibration.
- Weighing indicators, transmitters and remote displays that are easy to install, configure and calibrate, and multiple communication systems: RS-232, RS-485, Profibus, Profinet and analogue.
- High production capacity and high stock level with immediate supply at very competitive prices.

Weighing is present in all sectors and it is used in tanks, reactors and silos equipments as the main measurement unit. Thanks to its easy installation, low cost and the multiple savings that it supposes, an ever-increasing number of companies are incorporating weighing in their facilities.



WEIGHING KITS IN TANKS, REACTORS AND SILOS



**TANKS, REACTORS
AND SILOS**
Measurement of weight
and level for reliable control
of raw materials and
finished products



HIGH-CAPACITY SILOS
Measurement up to 600 t
per support point



HANGING SYSTEMS
Tension weighing in hanging
deposits and hoppers



**MIXING, DOSING
AND FILLING**
Continuous and
accurate monitoring



**APPLICATIONS THAT
REQUIRES HIGH IP
PROTECTION**
Humid environments
or high-pressure
water cleaning



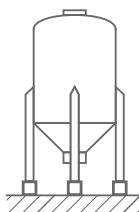
HT
Applications requiring
working in high temperature
environments



ATEX CERTIFICATES
For working under
potentially explosive
atmospheres
of gas and dust



RELATED PRODUCTS
Weighing indicators for
industrial monitoring,
alarm control,
dosing and filling.
Junction boxes



**CALCULATION
OF THE LOAD CELL
NOMINAL CAPACITY**

Nominal capacity ≥ 1.5 Safety factor x Total silo weight / No. of support points

Total silo weight = structure weight + product weight
Variable safety factor based on: vibration, levelling, lateral forces
and support points



APPLICATIONS

- Single point platform scales
- 4-cell platform scales
- Light vehicle weighbridges
- Truck scales
- Axle weighing
- Packing and filling machines
- Price computing scales
- Silo level measurement
- Check weighers
- Hybrid or scale conversions
- Crane scales, tension test machine
- Medical scales
- Dosing in mixers, tanks and hoppers
- Hoppers and silos in the metal industry
- Demanding environments: high IP protection, HT for high temperatures and ATEX for explosive atmospheres

