

HBM weighing technology

Solutions for the agricultural industry



Achieving the ideal weight

Weight is the decisive and the simplest indicator for a purchase decision, regardless of whether it's about food or animals. Precise weighing increases the efficiency in livestock raising and, at the same time, reduces feed costs.

The right components for your platform scale

Load cells

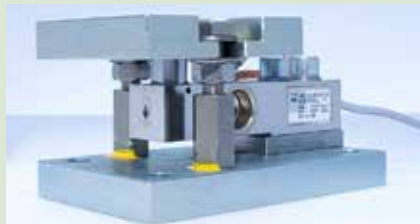
- Load cells from 220 kg to 4.4 t
- OIML/NTEP approval
- IP68 and IP69K protection
- Stainless steel
- Optional rodent proof cable



HLC load cell, ideal for use in animal scales

Load application

- Complete range of accessories
- Low profile and height adjustment
- Stainless steel version
- Easy pre-mounting



HLC module, the cost-effective load application device for tanks



Z6 load cell with loading foot, the ideal mounting aid for platform scales

Accessories

- Junction box for off-center load compensation
- WE2107 and WE2108 scale electronics with animal filter for stable weight indication



WE2108 scale electronics with integrated animal filter



VKK junction box in die-cast aluminum and stainless steel enclosure

Gravimetric level measurement made easy

Feed – the main issue in livestock farming for many years. Producing feed directly on the farm plays an increasingly important role for quality and efficiency reasons. Mixing according to a recipe is standard today; this is where weighing comes into play again.

Vertical mounting

- For maximum capacities from 50 kg to 100 t
- Integrated anti-liftoff device
- Weighing modules and tank weighing accessories for increased accuracy



Cost-efficient silo weighing using the SLB strain transducer



Ring torsion load cell and weighing module for tank and batching scales as well as level monitoring

Suspended mounting

- For maximum capacities from 50 kg to 5 t
- Hermetically sealed, providing IP68 and IP69K protection
- Stainless steel



HLC load cell for use in liquid animal feed systems



RSCC tension load cell for suspended tank weighing

Weighing electronics

- Signal transmission over long distances without information loss
- Integration into feeding and planning software



WE2111 weighing indicator and AED9101D with AD103C for dynamic and static applications

Flexible system solutions for vehicle scales

HBM is the leading manufacturer of weighing components in Europe and offers a wide range of certified load cells for vehicle scales. To fully meet your needs.

This allows on-site weighing of the tractor with one or multiple trailers. Vehicle scales are available in standard or legal-for-trade versions. The inspection of all kinds of incoming animal feed is easy and efficient.



Use with vehicle scales

Pendulum load cell (20 t, 30 t, 40 t)

- Easy handling: compact size, low weight
- Easy installation: simple and effective mounting accessories
- No expensive stay rods: self-restoring pendulum design



C16A2 pendulum load cell

Ring torsion load cell (10 t, 22 t, 33 t)

- The compact load cell for vehicle scales
- Easy handling: compact size, low weight
- Optional elastomer or pendulum bearing
- Easy installation: simple and effective mounting accessories



RTN ring torsion load cell

You mix – we weigh

In livestock raising, animal feed is weighed, mixed, ground and then fed. Different weighing methods are used. In addition to homogeneous mixing, the quantitation of feed components is of particular importance. HBM provides the weighing equipment that meets these requirements.

Single point load cell

- Max. capacity up to 1 t
- Hermetically sealed to IP68/IP69K
- Easy to use



PW15AH and PW29. Rugged and made from stainless steel



Feed silo



Feed mixer

www.hbm.com

HBM Test and Measurement

Tel. +49 6151 803-0
Fax +49 6151 803-9100
info@hbm.com

US Contact

HBM, Inc.
Tel. +1 (800) 578 4260
info@usa.hbm.com

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