

TECHNICAL DATA SHEET

Loss In Weight



PRODUCT INFO

- Loss-in weight feeder for volumetric and gravimetric feeding of bulk solids
- Feed hopper with flexible wall and external discharge aid
- Fast, easy disassembly for cleaning and changing products
- Integrated measurement, control and regulation electronics
- High feeding accuracy and consistency, below $\pm 0.5\%$

- Volumetric feed rate range: 10–9000 dm³/h
- Feeding accuracy $\pm 0.5\%$ (typically)
- Feed principle: Gravimetric /Volumetric
- Feed units Feed shafts, feed spirals in a single-shaft version
Diameter: 35, 44, 57, 76 and 89 mm
- Agitation: External paddles
- Drives: AC-drives for feed units and paddles

Ordering Data

- Material _____
- Particle size [mm] _____
- Bulk density [t/m³] _____
- Flow rate[t/h] _____
- LIW Capacity _____



The loss-in-weight feeder is used for continuous volumetric and gravimetric feeding of bulk solids such as powders, granulates, chips, flakes and fibers.

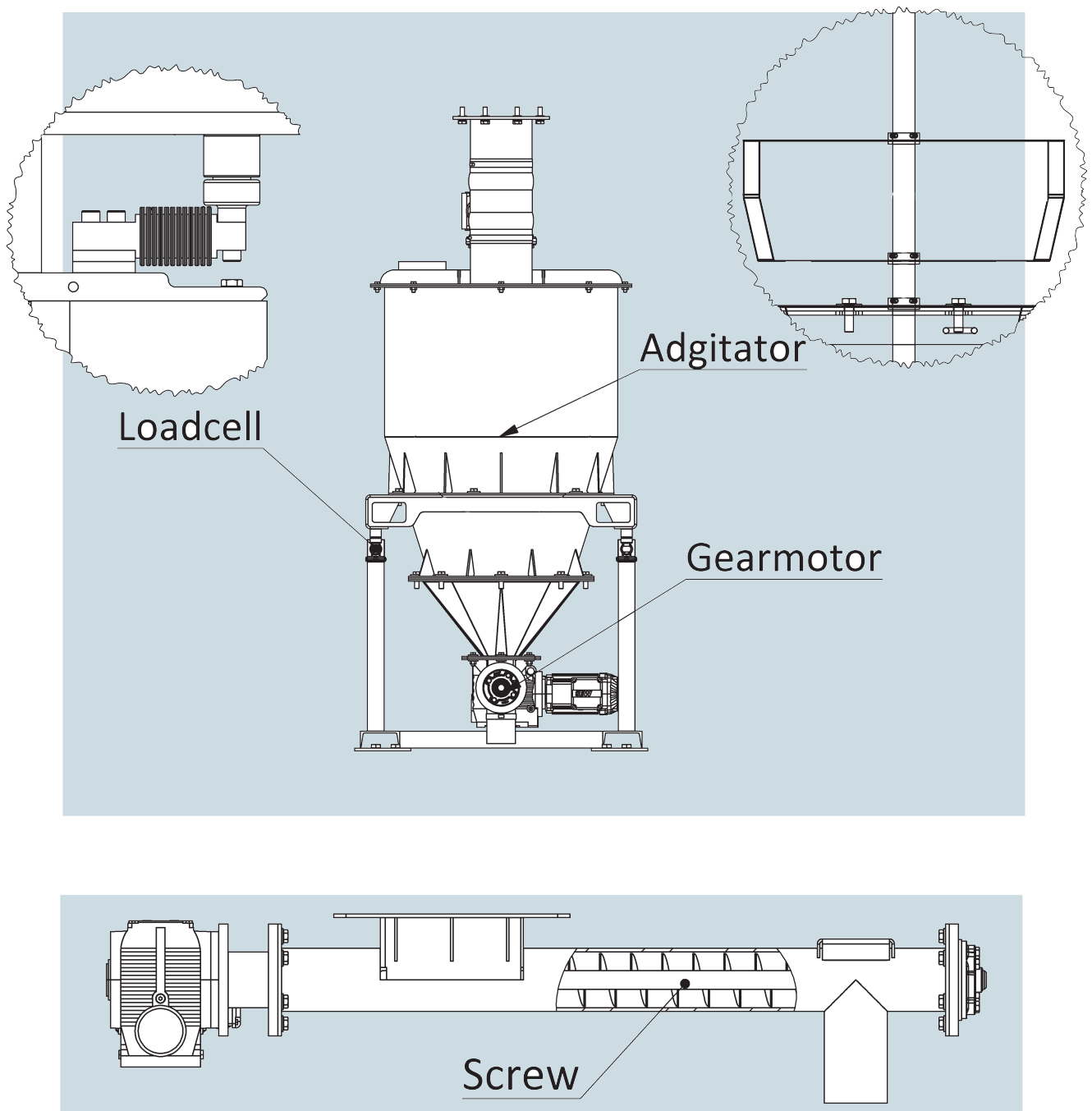
Typical applications can be found across the board in all industries, though principally in the plastics, chemicals, foodstuffs, detergents and pharmaceuticals industries.

The loss-in-weight feeder consists of the feed hopper, the feed unit, the extension hopper and a support structure. In gravimetric operation, the gravimetric feeder includes two weighing modules.

Paddles move in hopper wall of the loss-in-weight feeder and ensure reliable product flow from the feed hopper into the feed unit. Feed spirals and screws in single and single shaft versions are used as feed units.

The gravimetric feeder weighing modules consist of hermetically sealed precision load cells using resistance strain gauge technology with integrated overload, lifting and skewing protection.

TECHNICAL DATA SPECIFICATION



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