

Net Weigher

electronic high-performance gravity fed net weigher

up to
2000
 weighments
 per hour



gravity fed net weigher

- for all free flowing bulk goods
- sturdy and compact design
- stainless steel execution
- highest weighing accuracy



This high-performance net weigher is designed to weigh free flowing bulk goods to the highest levels of accuracy and reliability.

The product flows through the surge hopper to the gravity feed unit and then into the weigh hopper. After the product has been weighed, the weigh hopper opens and discharges the product. The weighing control unit is a state-of-the-art PLC system with a Siemens SIWAREX FTA electronic weighing module that can be calibrated. It is operated via a touch panel.

The net weigher consists of a welded base frame which has the gravity feed unit with coarse and fine dosing and the weigh hopper mounted on it. The removable covers make servicing the machine easy. There is also a connection for a dust extraction system on the base frame.

Options:

- Automatic calibration
- ATEX execution
- different stainless steel executions

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The weigh hopper is suspended from three DMS weighing cells with spring and vibration damping. It has two symmetrical opening flaps which are opened using pneumatic cylinders. The weighing cells are also connected by shielded cables to the microprocessor that controls the weigher. Up to 50 different parameter sets can be stored for different products and weights.

The use of stainless steel components and the sturdy and compact design of the net weigher ensure that it meets STATEC BINDER's high quality standards. The stainless steel parts guarantee a long service life and highly reliable operation even under tough conditions. The dosing unit is controlled by a servomotor to ensure high levels of performance and extremely accurate weighing results.



Technical data

Models	gravity feeder with servo drive	gravity feeder with pneumatic drive
Capacity	up to 2000 weighments/hour*	up to 1000 weighments/hour*
Weighing cells	three DMS-weighing cells	
Weighing range range	5 - 25 kg or 10 - 50 kg	
Weighing accuracy	up to +/- 15 g @ 2 Sigma**	
Air pressure	6 bar, constant, dry and oil-free	
Air consumption	2,5 NL per cycle	5 NL per cycle
Power supply	3 x 380 - 480 VAC, 50/60 Hz, PE	1 x 100 - 480 VAC, 50/60 Hz, PE
Protection class	min. IP55	
Power consumption	1,0 kW	0,3 kW

* depending on product flowability and filling weight
 ** depending on execution and capacity