

Science of Seed Processing

General

Brand	Saat Technologie
Designation	Hopper Scale
Model	HS Series
Application	Weighing a flow of products into batches.

Saat Technologie's HS Series automatic hopper scale can be applied to in-plant process checking by weighing granular and powdery products. Its integrated sensor system ensures optimal operating reliability and top accuracy. Its throughput capacity ranges from 0.25 m³/h to 0.50 m³/h, depending on the size of the specific model.

Hopper Scales are designed for weighing a flow of products into batches for packing, dosing, distribution, and yield monitoring. The unit consists of a hopper, load cell, and weighing indicator. The Hopper Scale is controlled by a software application, which normally runs on an indicator.

The Scale Indicator is operated with push buttons and a keypad, using a simple built-in menu system. The indicator has a large, bright weighing display, showing tare, grade number, and other data. The display also has a large filling bar that clearly shows the packing status in real time.

Features

- User-friendly interface
- Can handle all types of Seeds, Powder, Herbs, Sugar, and Washing Powder like Granule Products.
- Robust—built to withstand harsh environments
- Connects to SaatTech software for real-time production monitoring
- A variety of standard solutions available to fit different pack-off applications
- Optional automatic infeed

A wide variety of standard hopper solutions are available to fit different pack-off applications. Specifications are available upon request.

Please contact us for further information.

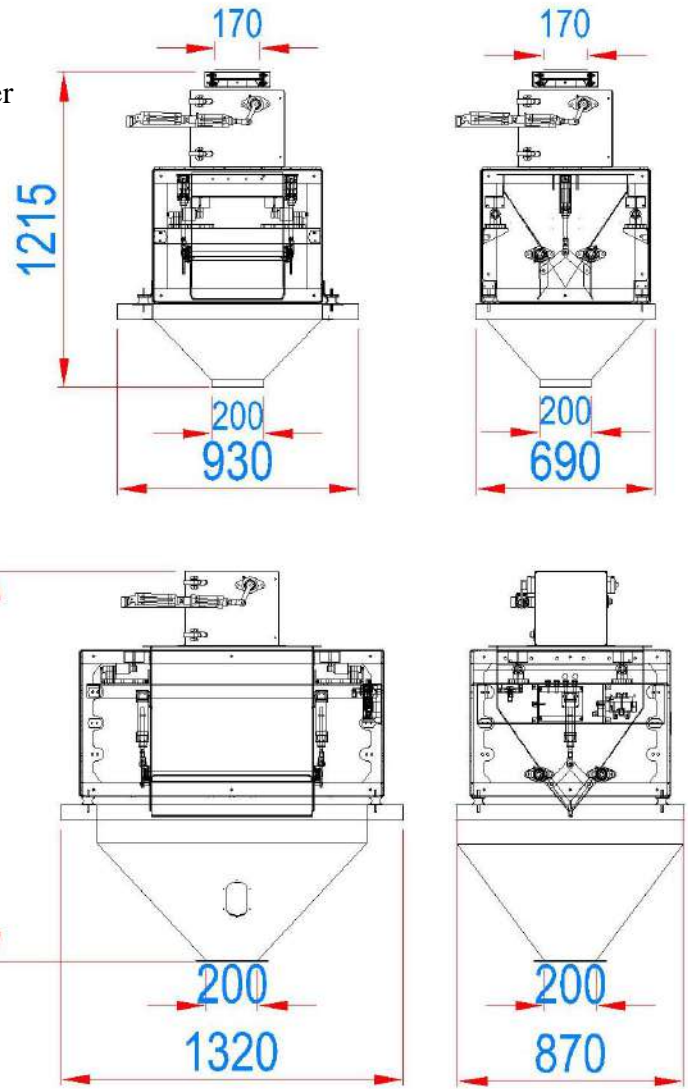


How does a hopper scale work?

Material is filled using dosing devices through the lid of the hopper scale. When reaching the desired amount of material/product, the scale is emptied by gravity discharge. When the charge is removed from the bin, the next charge can be initiated. Should higher capacity be required the double hopper scale has a higher batch/hour capacity, as the construction allows the weighing bin to be filled while the previous batch is being emptied.

Content

- Suitable type of Conveyor to feed Pre-Storage Hopper
- Pre-Storage Hopper
- Flow Control Pneumatic Shutter
- Weighing Chamber
- Power Panel.
- Reporting Software Optional



MODELS	HS - S	HS - L
Weight Chamber Capacity	0.10 M3	0.20 M3
Weighing Accuracy *As per operational need	± 0.1 % to 10 %	± 0.1 % to 10 %
Capacity (based on Wheat)	1.0 to 5.0 tph	5.0 to 30.0 tph
Air Pressure	5-6 Bar	5-6 Bar
Air Consumption	10 Litre/Minute	20 litre/Minute
Power Supply	220 VAC /50-60 Hz	220 VAC /50-60 Hz