

## Science of Seed Processing

### General

Brand	Saat Technologe
Designation	Big Bag Filling & Weighing Scale on Ground.
Model	BBFW Series
Application	Weighing and Big Bagging of Seeds on Ground.

Saat Technologe Big Bag Filling & Weighing Scale on Ground are suitable for all sizes of Big Bags.

**Frame and Structure:** The Weighing System is built on a sturdy frame to provide support and stability during the filling process.

**Weighing System:** Many Big Bag Fillers come equipped with a weighing system to ensure accurate measurement and control of the quantity of material being filled into each bag.

**Bag Support and Suspension:** The machine has a mechanism to support and suspend the big bag during filling. This may include hooks, straps, or other suspension devices.

**Inlet and Outlet:** There are openings for the material to enter the bag and exit once it's filled. These openings are typically equipped with valves or spouts that can be controlled to regulate the flow.

**Filler Spout:** A filler spout is used to direct the material into the bag. It may be adjustable to accommodate different bag sizes.

**Dust Collection System:** Many machines include a dust collection system to minimize dust emissions during the filling process, ensuring a safer working environment.

**Control Panel:** A control panel allows operators to set parameters, monitor the filling process, and control various functions of the machine.

**Safety Features:** Safety features such as emergency stop buttons, safety interlocks, and overload protection are often integrated into the machine design to ensure safe operation.

**Automation and Integration:** Some Big Bag Filling Machines are designed for automation and can be integrated into a larger production or processing line.

**Material Compatibility:** The design of the machine is often adapted to handle specific types of materials, whether they are powders, granules, pellets, or other bulk forms.

**Mobility and Portability:** Some machines are designed to be mobile or portable, allowing for flexibility in their use within different locations or facilities.



### Operation

An Empty big Bag is hung from its 4 ears to the supplied frame.

The Pre-set weight is activated with a push-bottom starter and the Pneumatic shutter opens.

The pneumatic Flow Control shutter stops the seed flow into the big bag when the on-ground scale reaches the pre-set weight.

The operator removes the full big bag with or without the pallet.

## Content

- Suitable type of Conveyor to feed Pre-Storage Hopper
- Pre-Storage Hopper
- Flow Control Pneumatic Shutter
- Big Bag Hanging Frame
- Big Bag Scale
- Ramp
- Power Panel

MODELS	BBFW
Weighing Range	0-2000KG
Weighing Accuracy	± % 0.1
Bag Type	FIBC
Weighing Capacity	1000 Kg – 40 Bags/Hour
Air Pressure	5-6 Bar
Air Consumption	1 Litre/Minute

Power Supply                      3 Ph, 380 VAC /50-60 Hz

