



STATEC BINDER

highly efficient bagging and palletizing solutions

Big Bag Filling Station

Semi-automatic big bag filling station



up to

150

big bags per hour



- ✓ Reliable and proven concept
- ✓ Sturdy and compact design
- ✓ Highest weighing accuracy
- ✓ Contact parts in stainless steel
- ✓ High flexibility
- ✓ CE certified

At the filling station it is possible to fill conventional Big Bags (FIBC) with one, two, or four loops using a filling collar or open upper section, as well as octagonal boxes. The filling station consists of the following main components.

Steel structure with an operating platform which houses the electric switchboard and the operating panel.

Product hopper made of stainless steel with one or several level probes.

Dosing depending on the product, designed either as gravity dosing for free-flowing, belt dosing for moderately free-flowing products or auger dosing for powdery products.

Weigh hopper made of stainless steel (Model SB-NW) or weighing platform (Model SB-GW) which is attached to a frame with weighing cells and is equipped with a mechanical overload protection.

Discharge chute made of stainless steel which is fitted under the weigh hopper.

Pneumatic bag clamp on which the Big Bag filling collar is manually positioned and pneumatically fastened.

Air blower for inflating Big Bags with a PE inner bag.

Empty pallet magazine with a capacity for 10-15 pallets (max. 1000 kg).

Conveyor system consisting of a roller conveyor for empty pallets, a roller conveyor for the filling station and several roller conveyors for loaded pallets or conveyor belts for pallet-free transport.

Lifting device in the filling station to fill bags with different lengths.

Vibrating platform which can optionally be included in the filling station to compress filled bags.

Magnetic separator which can optionally be installed to remove magnetic impurities.

Metal separator which can optionally be installed to detect metal parts before filling and separate these using a gate.

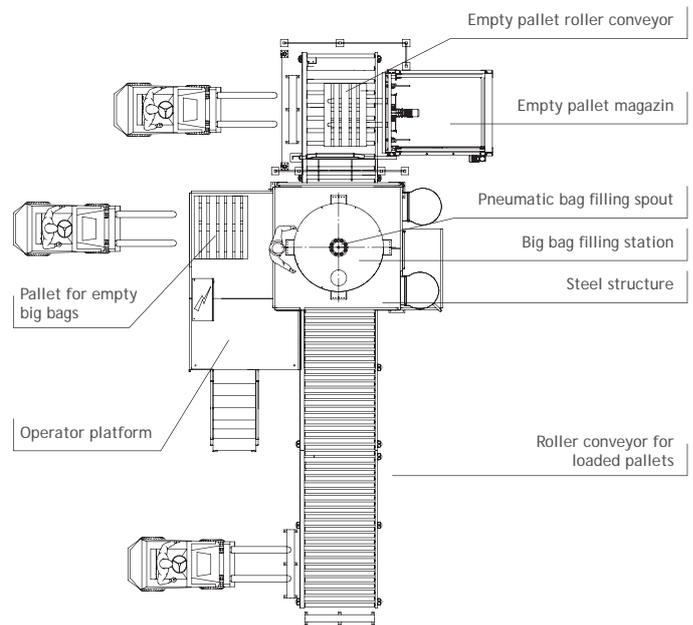
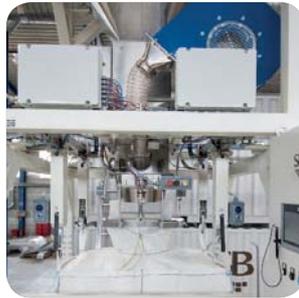


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Model	SB-GW	SB-NW
System:	Gross weighing	Net weighing
Capacity:	up to 50 bags/hour*	up to 150 bags/hour*
Type of bag:	1, 2 and 4 loops, with or without collar / octagonal box	
Weighing range:	500 - 1500 kg	
Weighing accuracy:	up to +/- 0,1% at 2 sigma**	
Air pressure:	6 bar, constant, dry and oil free	
Air consumption:	~10 Nm ³ /h	
Power supply:	3 x 380 - 480 VAC, 50/60 Hz	
Protection:	min. IP54	
Power consumption:	~5,0 kW	

*depending on product flow ability, filling weight and operator handling time

** depending on product flow ability and capacity