

Big bag filling station

semi-automatic big bag filling station

up to
150
 big bags
 per hour



- high speed
- sturdy construction
- highest weighing accuracy
- high reliability



The semi-automatic big bag filling station makes it possible to fill big bags (FIBC - flexible intermediate bulk container) with one, two or four loops and octabins with a filling station of 500 kg to 1500 kg.

At 150 big bags per hour, our big bag filling station is one of the fastest in the world. The big bag filling station is also characterized by the extremely sturdy construction and the high level of reliability.

There are two versions of the big bag filling station – one with gross weighing and one with net weighing. The difference between the two weighing versions is that with the gross weighing, the product in the bag is weighed during filling, while with net weighing the bag is weighed in a weighing container prior to filling. The advantage of net weighing is that the big bags can be filled at a higher speed. Maximum weighing accuracy is achieved with both versions.

Options:

- version with increased corrosion protection
- checkweighers in various versions
- empty pallet magazine
- slip sheet dispenser
- magnetic separator
- vibration plates
- metal separator
- metal detector
- ATEX version



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The stainless steel product pre-hopper is equipped with one or more fill level detectors. The product is metered for filling by the product pre-hopper or directly by a silo. A gravity, screw or belt dosing occurs depending on the product's flow behaviour. Depending on the design, the product is weighted in the weighing container or using a weighing platform. The product is filled into the big bag via a stainless steel discharge chute. The big bag is transported away via a roller conveyor or a conveyor belt.



Technical data

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 /Std.	
Power supply	3 x 380 - 480 VAC, 50/60 Hz	
Protection	min. IP54	
Power consumption	~5,0 kW	

*depending on product flowability, filling weight and operator handling time
 ** depending on product flowability and capacity