



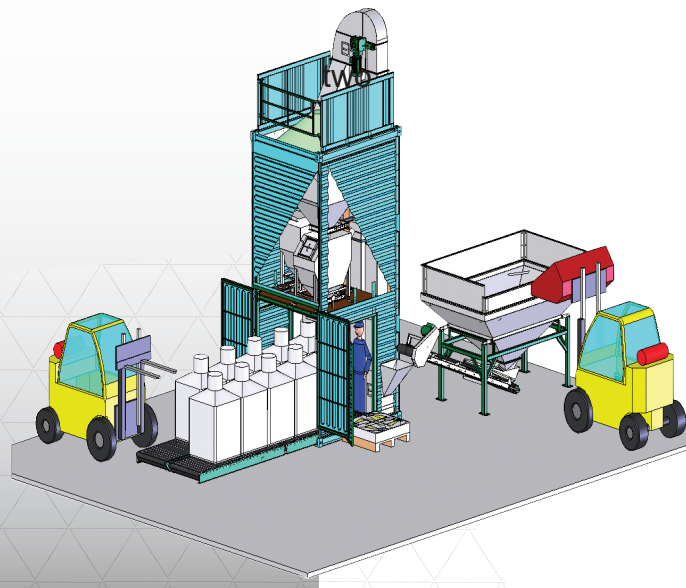
# PORTABLE CONTAINER FIBC BIG BAG FILL SYSTEM



**CAPACITY:**  
150 TON PER HOUR:  
250 BIG BAGS OF 500-600 KG  
OR 120 BAGS OF  
1000 -1500 KG PER HOUR

Portable Container FIBC Big Bag fill system with a capacity of 150 tons per hour. A big bag fill line that is completely integrated in a 20 ft (6 meter) container. The line is portable and can be moved to every decided place. The system consists of a stainless steel fill elevator. And 2 weighing scales under the hopper, to weigh the product. The 2 weighing slides discharge the product directly into the FIBC big bag. These big bags are removed by 2 roller conveyor units. The container body is made of mild steel, but elevator, storage hopper, weigh scales and fill pipes are all constructed of stainless steel #304. The machine operates with a Siemens control PLC and Salter Weightronix weigh indicators. The complete bag fill operation can be done by 1 operator to fill the bags and 1 operator to close the bags. 1 or 2 forklifts move the bags away (depending on the distance). The complete line is portable and can be moved by ship/truck and fits in 20 foot containers.

The compressor, intake hopper and bag roll conveyors are transported in the second container. Assembly of the container big bag line is easy to do. The elevator is pushed out of the container with a hydraulic system. When the elevator is on its maximum height, the total system height is 8500 mm. The roller conveyors, the intake conveyor and intake hopper are installed by a forklift. The container big bag unit is put on its side by means of a crane. The container has 3 door openings to bring the big bags out and to have the possibility to bring empty big bags into the container.





Container Big Bag Line	
Total transport size	6 meter - 20 foot
Total height at operation - top elevator	8500 mm
Total width container	2434 mm
Total length container	6580 mm
Total height container	2896 mm
2 weight scales	4 Loadcells per scale
Weight system	Stainless steel - digital
Weight hopper	Stainless steel
Ventilation	2 x blower
Filter system	Dust bag filter
Hopper construction	Stainless steel
Container frame construction	Mild steel
Example capacity of 500 kg Bags	250 bags per hour
Example capacity of 1000 kg Bags	120 bags per hour
Capacity storage hopper	5 m <sup>3</sup>
Capacity weighscale	Adjustable
Weight container	7500 kg
Machine setup	By crane - forklift
Operators needed for a capacity of 120 Ton per Hour	2 operators for filling and closing bags. 1 forklift driver and 1 operator to bring material to container line.
Power supply	410 Volt-30 Amp-50Hz-3Phase
Type bags	FIBC big bags - 1 to 4 hooks, flexible
Capacity bags	100- 1800 litre
Colour	RAL 7035
Machine operating	Electric - Pneumatic
Weight / Density	1 metric ton per 1 m <sup>3</sup>
Calibratable	Automatically
Installing	Flat and stable floor
Steel finishing	All mild steel is metal shot blasted and painted
Loadcell cables	Protected in tube
Elevator	Included in container
Elevator construction	Stainless steel
Elevator capacity	160 m <sup>3</sup> / ton per hour
Roller conveyor	Fixed inside container
Roller conveyor outside	2 x 1100 mm wide
Roller conveyor length	2 x 3000 mm
Weight & Measures	T5582
Paint	Primer Coating + 2 Component Polyamide finishing coating
Norms	Conform European Norms CE no. 89/392 EEG, Machine directive changed by no. 91/368 EE



FILLING OF  
BIG BAGS INSIDE  
THE CONTAINER

