

BIG BAG FILLER VBBF

This vertical big bag filler is used to fill big bags or boxes. Vertical belts are mounted on the frame to fill the big bags as well as a transport belt to switch direction.



General description

This vertical big bag filler is used to fill big bags or boxes. Vertical belts are mounted on the frame to fill the big bags as well as a transport belt to switch direction. Because the vertical big bag filler can hold 2 big bags/boxes, the machine can fill without interruptions. When the hooks are assembled, big bags can be filled. When the hooks are disassembled, boxes can be filled.

The vertical big bag filler lowers and stops just before it reaches the bottom of a box or bag. The product sensor in the vertical filler detects the product and moves up as it fills the box or bag.

Fingers/cleats on the vertical big bag filler gently convey produce into the box or bag. Once the box or bag is full, produce feed stops until a replacement empty box or bag is detected. The feed conveyor will reverse and fill the second box or bag, allowing for continuous filling.

All dimensions in cm

		VBBF 275	VBBF 350
A	Length of the horizontal belt	275	350
B	Height of the vertical belt	300	300
C	Width of the belt	60	60
D	Opening size of the vertical belt	11 or 16	11 or 16

All capacities are indications based on experience from the past and depend on the agro climatic, soil and logistic conditions of the product, Allround VP does not guarantee any of these.

Characteristics

- ✓ Depending on your product size conveyor is available in 11 and 16-cm opening sizes
- ✓ Various cleats like fingers, THW, THW interrupted.
- ✓ On demand, weighing units can be integrated with machines.
- ✓ Soft rubber fingers on the vertical belt to gently support and convey produce into box with minimal drop.
- ✓ Reversible conveyor enables continuous filling. The conveyor automatically directs produce towards the empty box when the opposite box is full.
- ✓ A standard support frame for easy integration into the processing line. Accepts most common box dimensions. Customizable for bags or extra tall boxes and bags.
- ✓ Box locating bars for correct box positioning. Stops the box from damaging the support frame and machine.
- ✓ Box detection sensor system prevents produce loss on the floor. Box Filler will start once the box is correctly located under the vertical belt.
- ✓ Produce level sensor signals for when to adjust the vertical belt height and when a box is full.

Options:

■ Material and treatment (frame)

Painted mild steel	Frame is made from painted mild steel
Galvanized	Frame is made from galvanized steel
Stainless steel	Frame is made from stainless steel

■ Cleats

Fingers	Finger cleats are added to carry the produce
THW	The THW cleats are reinforced and therefore have a high wear resistance
THW interrupted	The THW interrupted cleats are reinforced and therefore have a high wear resistance

■ Electrical control

No electric	Motors only. Wiring, additional sensors and/or control panel are not included
Stand-alone	Motors, necessary sensors, switch box and control box

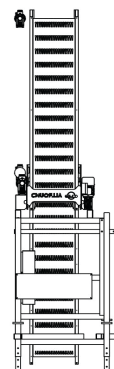
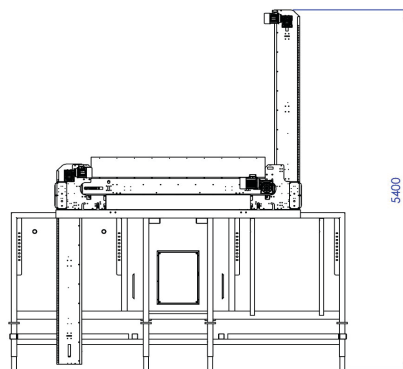
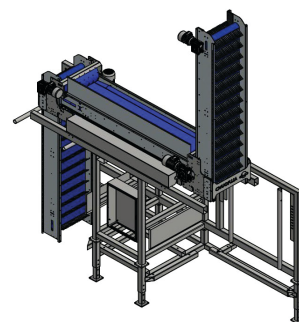
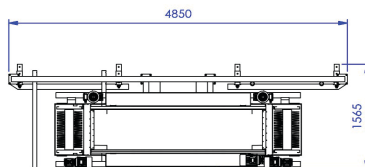
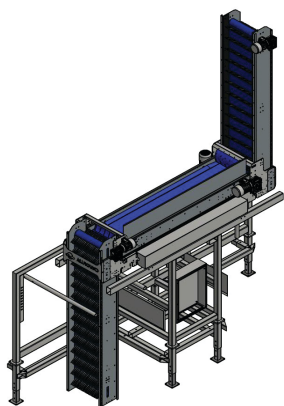
■ Material and treatment (electrical panel)

Painted mild steel	The electrical panel is made from painted mild steel
Stainless steel	The electrical panel is made from stainless steel



■ Weighing

Weighing unit	The weighing unit is to weigh the big bags and to stop filling the big bag when the desired weight is reached
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VBBF 275-300-60



For discussion only!
 The dimensions are approximately.
 We are free to resize and change the machines,
 when we deem it necessary.

Tol principle: ISO 80/5		General tolerances: ISO 207/68		Fit system: ISO 288		Geometrical tolerancing: ISO 1101	
		Project: Box filler					
		Description: VBBF 275-300-60					
		Surface:					
		Engineer: SRPL	Scale: 1 : 50	00044948		Revision: 01	
www.allround.com		Date: 5/7/2019	Sheet size: A3				
		Unit: mm	Sheet: 1 of 1				