

BOX FILLER VBF

The box filler is used to fill boxes most gently. Vertical belts are mounted on the frame to fill the boxes and a transport belt is used to switch direction.



General description

The box filler is used to fill boxes most gently. Vertical belts are mounted on the frame to fill the boxes and a transport belt is used to switch direction. Because the box filler can hold 2 boxes, the machine can fill without interruptions. Simply setting a few limit switches allows it to fill boxes of different heights or widths optimally and with a minimum drop height.

On demand, a weighing unit can be added to weigh the boxes and to stop filling the boxes when the desired weight is reached. Depending upon your product size the belt can be supplied with fingers, THW, and interrupted THW cleats. On demand, the Frame can be made from painted mild steel, galvanized steel, and stainless steel.

All dimensions in cm

		VBF 275-200-70	VBF 350-200-70
A	Length of the horizontal belt	275	350
B	Height of the vertical belt	200	200
C	Width of the belt	70	70
D	Opening size of the vertical belt	11 or 16	11 or 16
E	Maximum length of the box	180	180
F	Maximum width of the box		240

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

- ✓ Various cleats like fingers, THW, THW interrupted
- ✓ Soft rubber fingers on the vertical belt gently support and convey produce into the box with minimal drop
- ✓ 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
- ✓ On demand, weighing units can be integrated with machines
- ✓ Forklift tubes so the box filler can be easily moved

Options:

■ Material and treatment (frame)

Painted mild steel	Frame is made from painted mild steel
Stainless steel	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

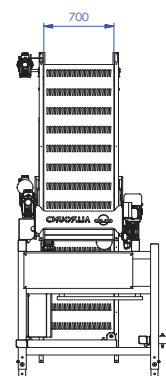
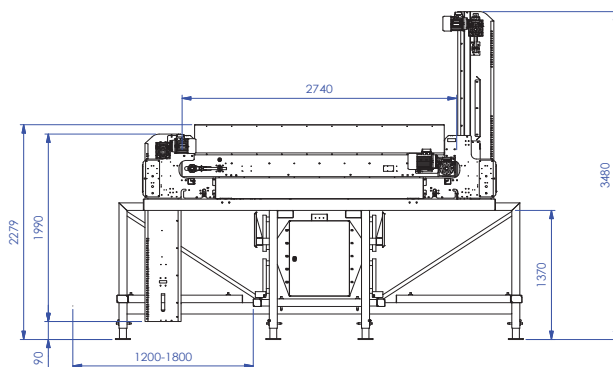
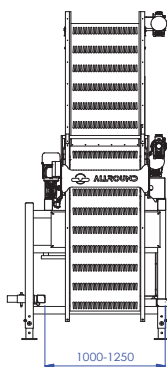
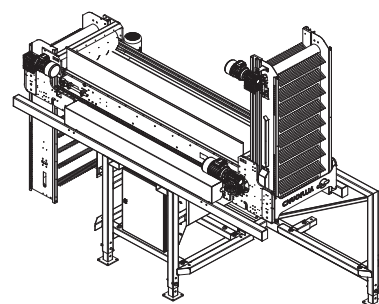
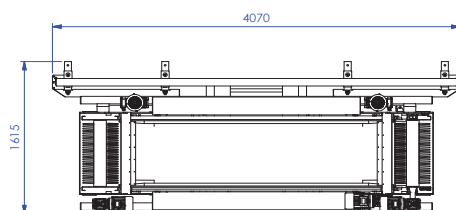
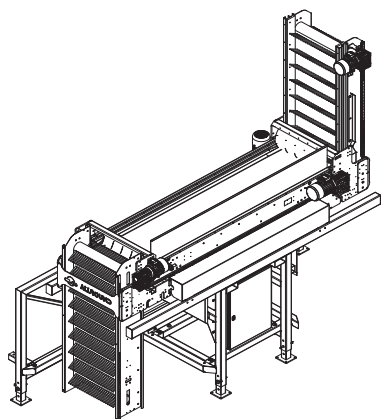
■ Material and treatment (electrical panel)

Painted mild steel	Safety fences with a sensor are included. The sensor detects if someone walks between the fences and will stop the functioning of the machine
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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VPF 275-200-70



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

Title principle: ISO 8015		General tolerances: ISO 20768		Fit system: ISO 286		Geometrical tolerancing: ISO 110	
		Project: Box filler					
		Description: VBF 275-200-70					
		Surface:					
		Engineer: SRPL	Scale: 1 : 35	00051630		Revision:	
		Date: 7-5-2019	Sheet size: A3	Unit: mm		Sheet: 1 of 3	
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