

FALL DAMPER FDE

It fills boxes and big bags with potatoes, onions, and other vegetables. The filling is completed once the big bag/box is full or once the set weight is reached.



General description

The fall damper is used for filling. The produce falls from chute to chute to reduce fall damage. When the sensor detects the produce, the machine retracts the chutes. It fills boxes and big bags with potatoes, onions, and other vegetables.

The device is equipped with a fall damper, which lifts automatically, while the product level is rising. The fall-dampers are made of two-layer, robust PVC material. A dust-resistant ultrasonic sensors control the filling process. The filling is completed once the big bag/box is full or once the set weight is reached.

On demand, the machine can be available in painted mild steel or in stainless steel. The bearings and drive/idle rollers are made of mild steel.

All dimensions in cm

		FDE 60	FDE 80
A	Width of machine	60	80
B	Amount of chutes	3, 4, 5, 6, 7, 8, 9, 10, 11 or 12	3, 4, 5, 6, 7, 8, 9, 10, 11 or 12

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

- ✓ Used for filling both boxes and big bags
- ✓ The number of chutes available from 3 to 12
- ✓ The filling is completed once the big bag/box is full
- ✓ A dust-resistant ultrasonic sensors control the filling process
- ✓ The sensor detects the produce, and the machine retracts the chutes
- ✓ The fall-dampers are made of two-layer
- ✓ Available in painted mild steel and stainless steel

Options:

■ Material and treatment (frame)

Stainless steel	Frame is made from stainless steel. The bearings and drive/idle rollers are from mild steel
Painted mild steel	Frame is made from painted mild steel. The bearings and drive/idle rollers are from mild steel

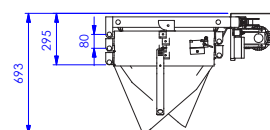
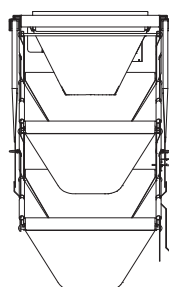
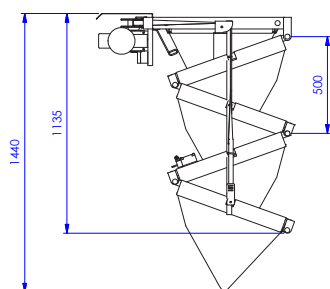
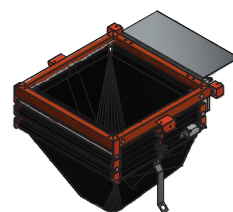
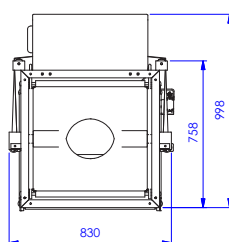
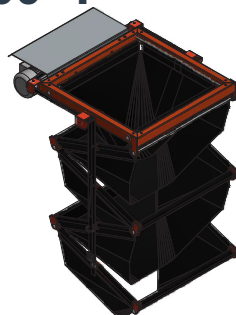
■ Electrical control

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

■ 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

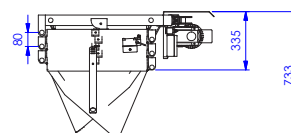
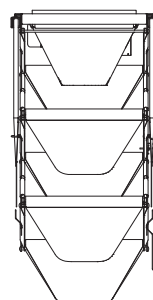
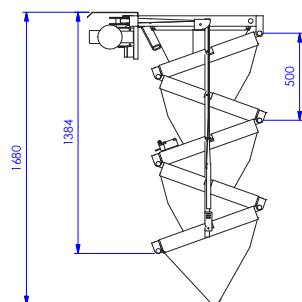
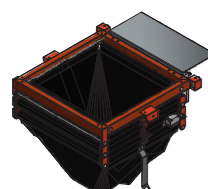
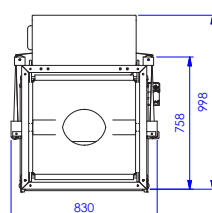
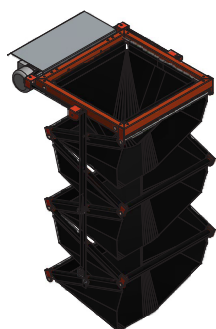
FDE 60-4



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

For principle: ISO 8015	General tolerances: ISO 20768	Fit system: ISO 286	Geometrical tolerancing: ISO 1101
Project: Fall damper			
Description: FDE 60 - 4			
Surface:			
Engineer: Sjaan	Scale: 1:18	00015185	Revision:
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www.allround.nl		Sheet: 1 of 3	

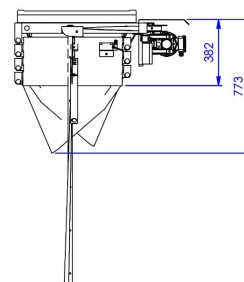
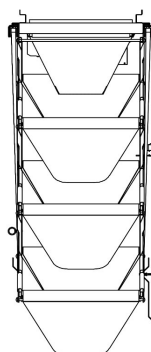
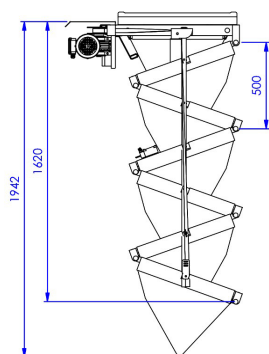
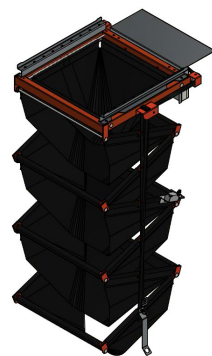
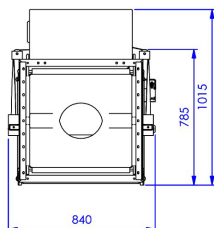
FDE 60-5







For discussion only!
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For principle: ISO 8015	General tolerances: ISO 20768	Fit system: ISO 286	Geometrical tolerancing: ISO 1101
Project: Fall damper			
Description: FDE 60 - 5			
Surface:			
Engineer: Sjaan	Scale: 1:20	00014478	Revision:
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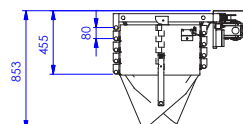
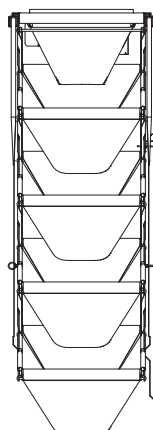
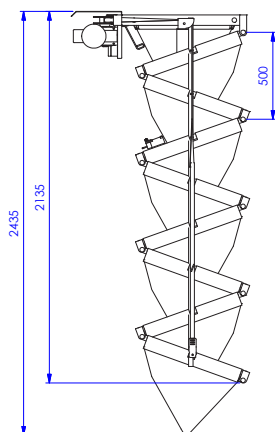
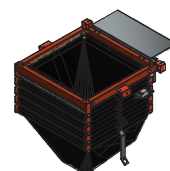
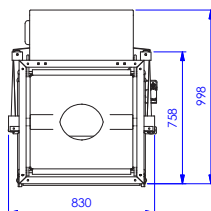
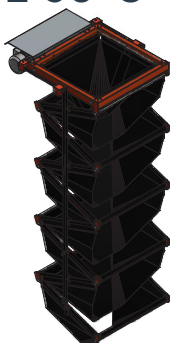
FDE 60-6







For discussion only!
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 when we deem it necessary.

Total principle: ISO 8015		General tolerances: ISO 20748		Fit system: ISO 284		Geometrical tolerancing: ISO 1101	
		Project: Fall damper					
		Description: FDE 60-6					
		Surface:					
		Engineer: JAJ	Scale: 1 : 20	00072091		Revision: 00	
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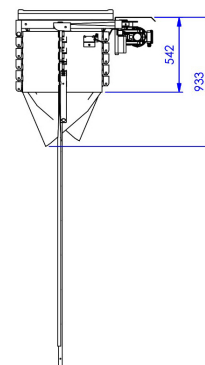
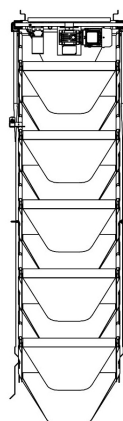
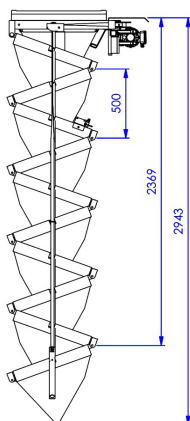
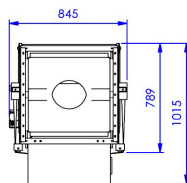
FDE 60-8








For discussion only!
 The dimensions are approximately.
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Total principle: ISO 8015		General tolerances: ISO 20748		Fit system: ISO 284		Geometrical tolerancing: ISO 1101	
		Project: Fall damper					
		Description: FDE 60-8					
		Surface:					
		Engineer: S Jaan	Scale: 1 : 20	00003357		Revision: 00	
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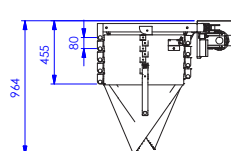
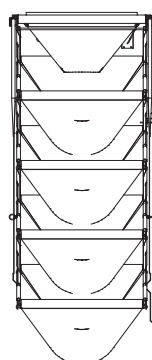
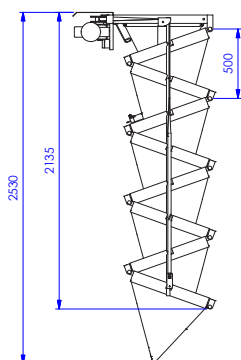
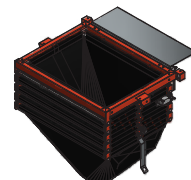
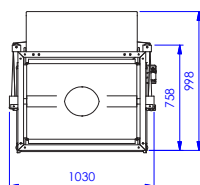
FDE 60-10









For discussion only!
 The dimensions are approximately.
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 when we deem it necessary.

Total principle: ISO 8015		General tolerances: ISO 20748		Fit system: ISO 284		Geometrical tolerancing: ISO 1101	
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		Surface:					
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FDE 80-8



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

Total principle: ISO 8015		General tolerances: ISO 20748		Fit system: ISO 284		Geometrical tolerancing: ISO 1101	
		Project: Fall damper					
		Description: FDE 80 - 8					
		Surface:					
		Engineer: S.Jaan		Scale: 1 : 25		00013284	
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