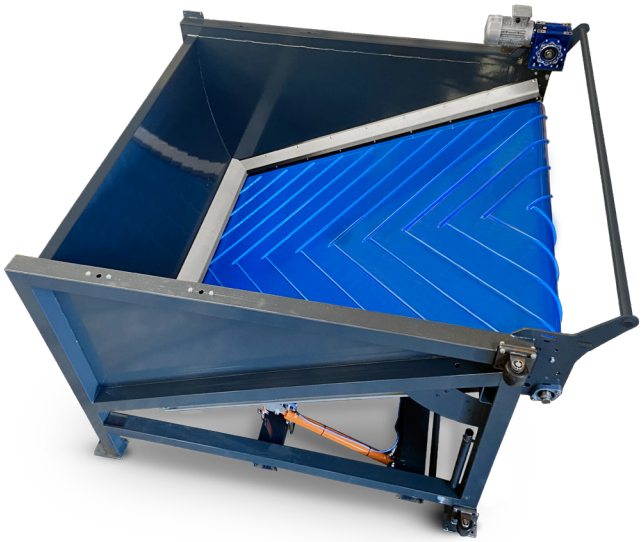
EVEN FLOW HOPPER EF

The even flow hopper is designed to provide a constant outfeed of the produce from irregular infeed.



General description

Allround even flow hopper is mostly used to feed the packing machine, electronic sorter, and optical grader. This machine helps in giving a constant supply of produce to the next piece of equipment in your line.

The even flow hopper is a combination of transport conveyor and hopper. When there are no hiccups in the production line or packing line, it works as a transport conveyor. Whenever any hiccup arises (for example, packing material not available on the packing machine or better production of steam peelers), the horizontal conveyor creates a product storage area, and the hiccup from the process is removed. The end of the transport conveyor is lifted back up.

The even flow hopper is also used to provide a constant supply of produce for sorting (manually or electronically) so that it can be worked at 100% capacity.

On demand, a dosing sensor can be included which detects how much product is on the belt and adjusts the output rate of the hopper accordingly.

All dimensions in cm

		EF 60-0.4	EF 80-0.6	EF 100-0.7	EF 120-0.9	EF 140-2	EF 160-2.5	EF 180-2.7	EF 200-3
A	Width of belt	60	80	100	120	140	160	180	200
B	Approximate content (m^3)	0.4	0.6	0.7	0.9	2	2.5	2.7	3

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

- ✓ Models are available in 60, 80, 120, 140, 180, and 200 cm belt widths
- ✓ It is generally used to feed packing machines in front of sorting and grading machines
- ✓ Act as a small buffer in line to provide a regular supply of products
- ✓ A variable-speed conveyor allows feed rate control for soft starts
- ✓ To compensate for the height difference, the machine can be supplied with subframes on demand
- ✓ Heavy-duty and robust construction
- ✓ Available in electrical and hydraulic-powered versions

Options:

- **Material and treatment (frame)**

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

- **Electrical control**

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

- **Sensor**

Dosing Sensor	A dosing sensor detects how much product is on the belt and adjusts the output rate of the hopper accordingly (automatic capacity control)

- **Sensor bracket**

Bracket	There is a bracket included, the position is to be discussed

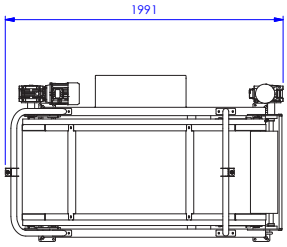
- **Material and treatment (subframe)**

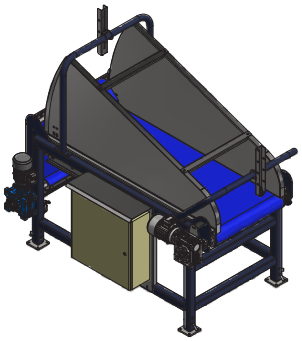
Painted mild steel	The subframe is made from painted mild steel
Stainless steel	The subframe is made from stainless steel
Hot dipped galvanized	The subframe is made from hot dipped galvanized mild steel

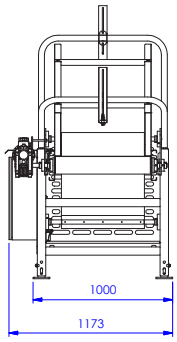
- **Height of subframe**

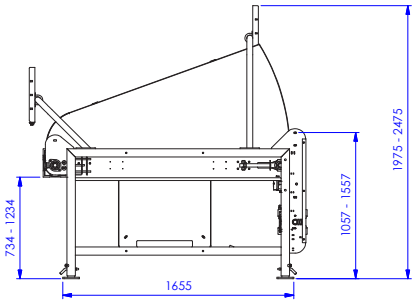
Height of subframe	0 to 7 meter

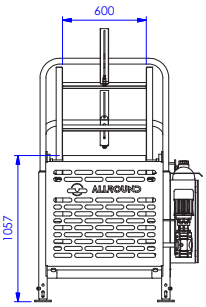
EF 60-0.4







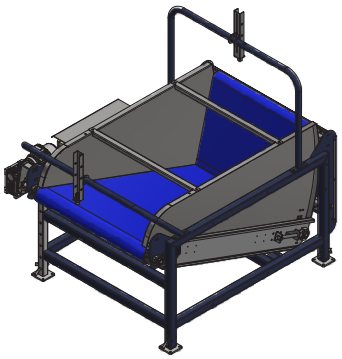


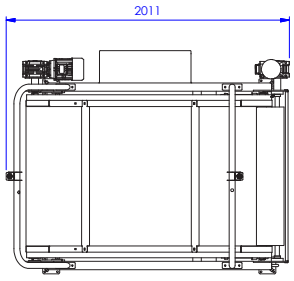


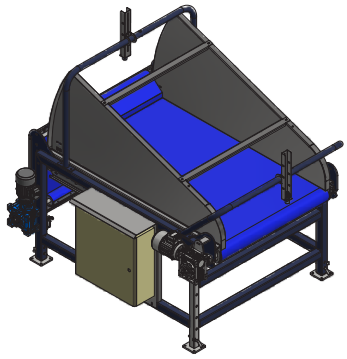
For discussion only!
The dimensions are approximately.
We are free to resize and change the machines, when we deem it necessary.

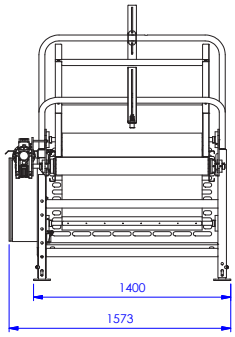
Tol principle: ISO 8015	General tolerances: ISO 20768	Fit system: ISO 286	Geometrical tolerancing: ISO 1101		
Project: Evenflow hopper					
Description: EF 60-0,4					
Surface:					
Engineer: S.Jaan		Scale: 1:25	00003266		Revision: 00
Date: 08-05-2019		Sheet size: A3			
		Unit: mm		Sheet: 1 of 2	

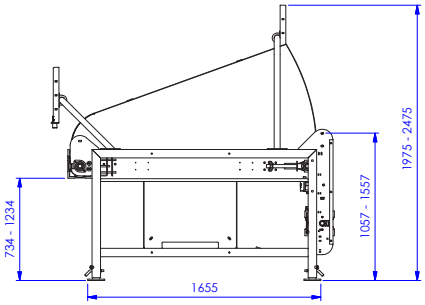
EF 100-0.7

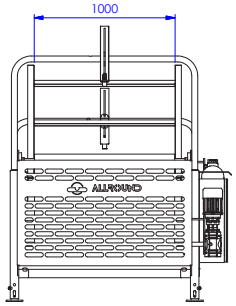












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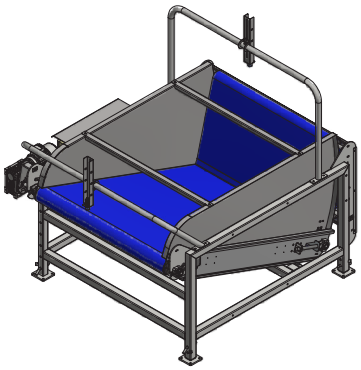
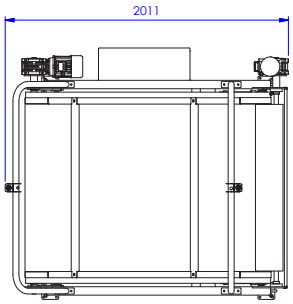
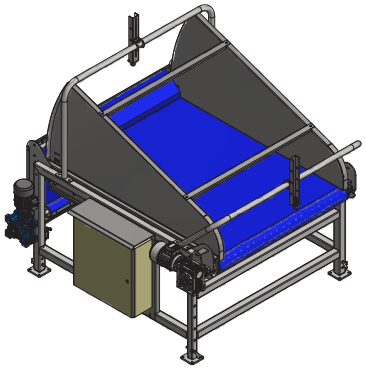
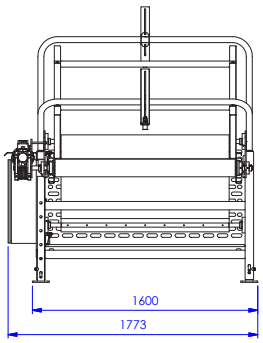
Tol principle: ISO 8015	General tolerances: ISO 20768	Fit system: ISO 286	Geometrical tolerancing: ISO 1101		
Project: Evenflow hopper - -					
Description: EF 100-0,7					
Surface:					
Engineer: S.Jaan		Scale: 1:25	00003265		Revision: 01
Date: 08-05-2019		Sheet size: A3			

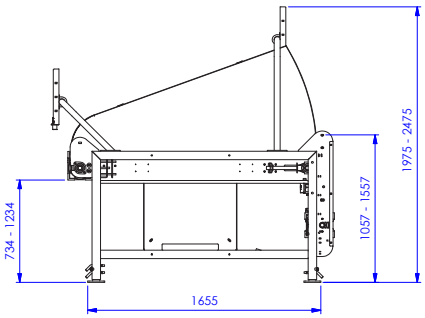
EF 120-0.9

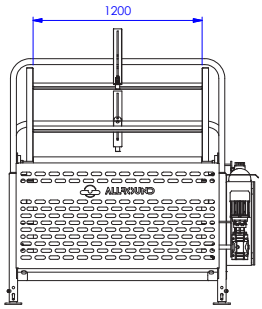












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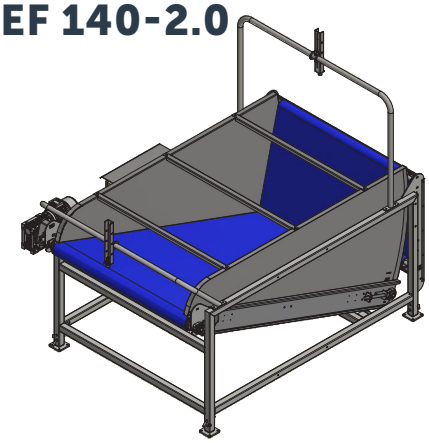
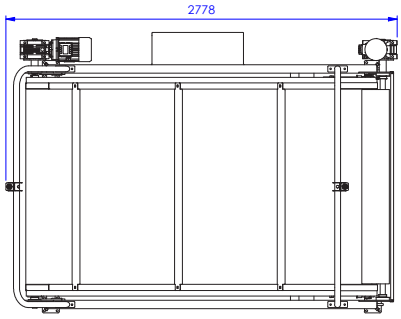
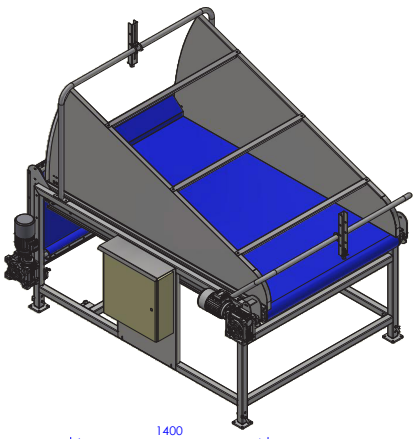
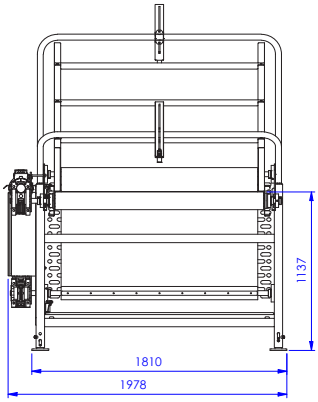
Tol principle: ISO 8015	General tolerances: ISO 20768	Fit system: ISO 286	Geometrical tolerancing: ISO 1101
Project: Evenflow hopper - -			
Description: EF 120-0.9			
Surface:			
ALLROUND VEGETABLE PROCESSING	Engineer: SRPL	Scale: 1:25	00055116 Revision:
	Date: 24-6-2019	Sheet size: A3	

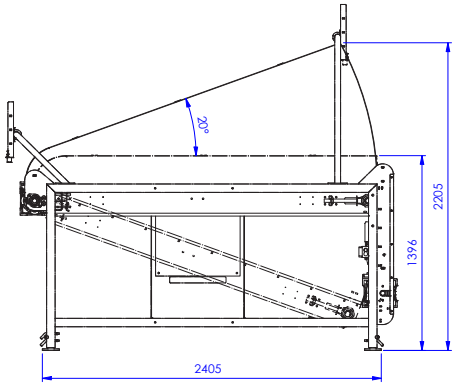
EF 140-2.0

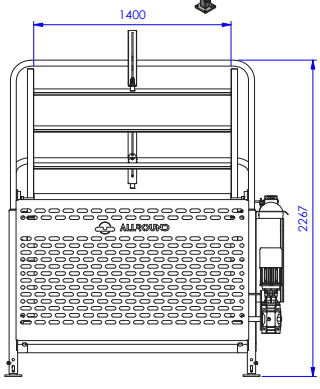












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Tol principle: ISO 8015	General tolerances: ISO 20768	Fit system: ISO 286	Geometrical tolerancing: ISO 1101
Project: Evenflow hopper - -			
Description: EF 140-2.0			
Surface:			
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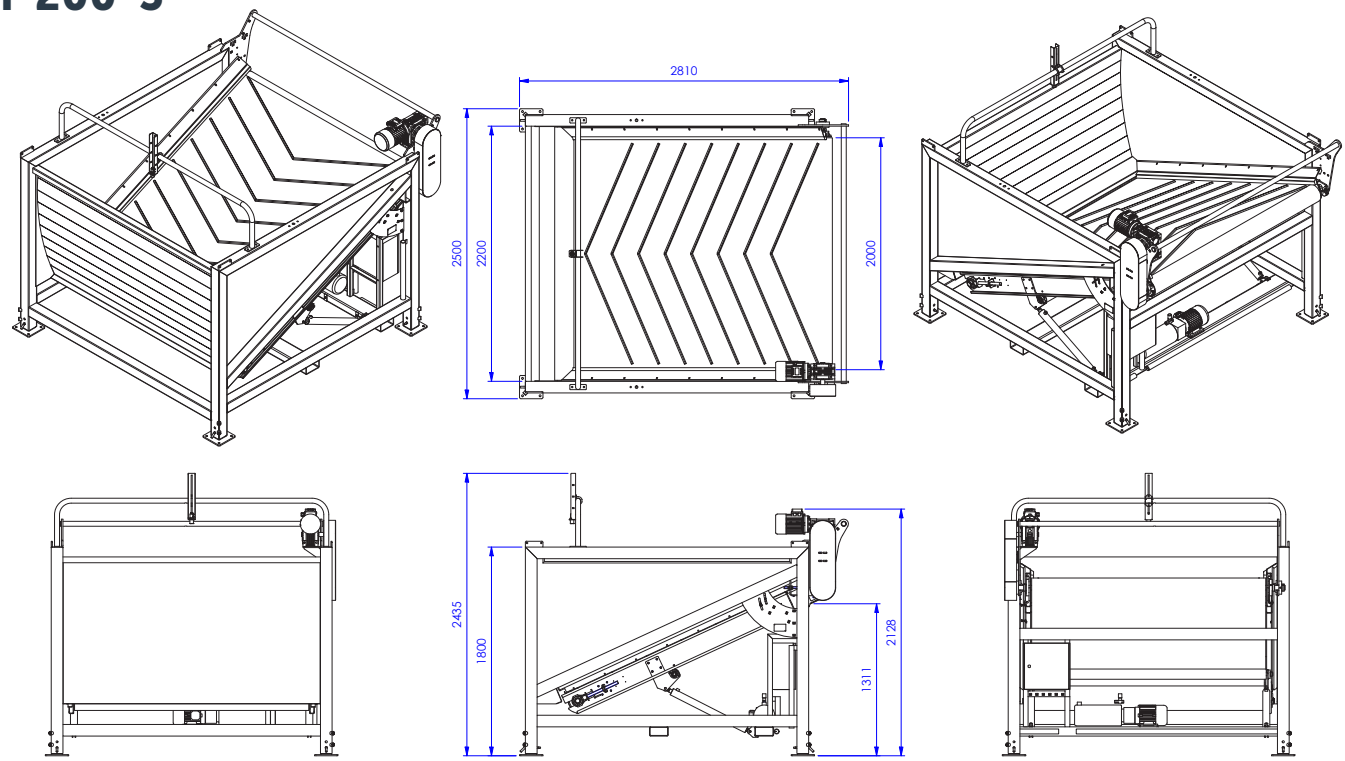
EF 200-3



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Tol principle: ISO 8015	General tolerances: ISO 20768	Fit system: ISO 286	Geometrical tolerancing: ISO 1101
Project: **Evenflow hopper - -**			
Description: **EF 200-3**			
Surface: - - -			
ALLROUND VEGETABLE PROCESSING	Engineer: SRPL	Scale: 1 : 30	**00181237**
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		Unit: mm	Sheet: 1 of 3