

WET HOPPER J

The wet hopper is designed for pre-soaking produce and acts as a buffer.



General description

The wet hopper is designed for pre-soaking produce with air agitation to softer soil and acts as a buffer for constant flow. The produce enters the wet hopper through options like hopper, conveyor, or destoner and floats towards the outlet conveyor via a pump that creates water flow. While dirt sinks to the bottom of the wet hopper. Depending on the soil type, built-in air agitation cleans or pre-cleans the produce.

The standard machine is supplied with a stainless steel AISI304 frame, and bearings and drive/idle rollers are of mild steel. The product conveyor is made from mild steel, but on demand, it can be made from stainless steel AISI304, covered with rubber. The cleats height is 50 mm.

On demand, spray tubes can be integrated into the outlet conveyor of the wet hopper if it is used as final washing.

All dimensions in cm

		J 2	J 4
A	Nominal storage capacity (in tons)	2	4
B	Blowers (in kW)	4	5.5

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 2 and 4 tons
- ✓ The wet hopper is designed for pre-soaking produce
- ✓ Durable, robust, stainless steel construction
- ✓ Heavy-duty web belt with rubberized bars
- ✓ Easy access for cleaning and maintenance with access hatches
- ✓ Variable speed controllers for elevators, air agitation blowers, pumps
- ✓ Pre-wired, with a fully sealed stainless steel control panel and fully automated easy-to-use touch screen control
- ✓ Water spray bars to remove remaining soil and floating debris from produce before exiting
- ✓ Automatic valves for controlled, periodic removal of sand and dirt

Options:

■ Material and treatment (frame)

Stainless steel Frame is made from stainless steel AISI304. The bearings and drive/idle rollers are from mild steel

■ Material and treatment (product conveyor)

Mild steel The product conveyor is made from mild steel, covered with rubber

The cleats height is 50 mm

The gap size is 5 mm

Stainless steel The product conveyor is made from stainless steel AISI304, covered with rubber

The cleats height is 50 mm

The gap size is 5 mm

■ Electrical control

No electric Motors and necessary sensors

Stand-alone Motors, necessary sensors and control panel

■ 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 AISI304

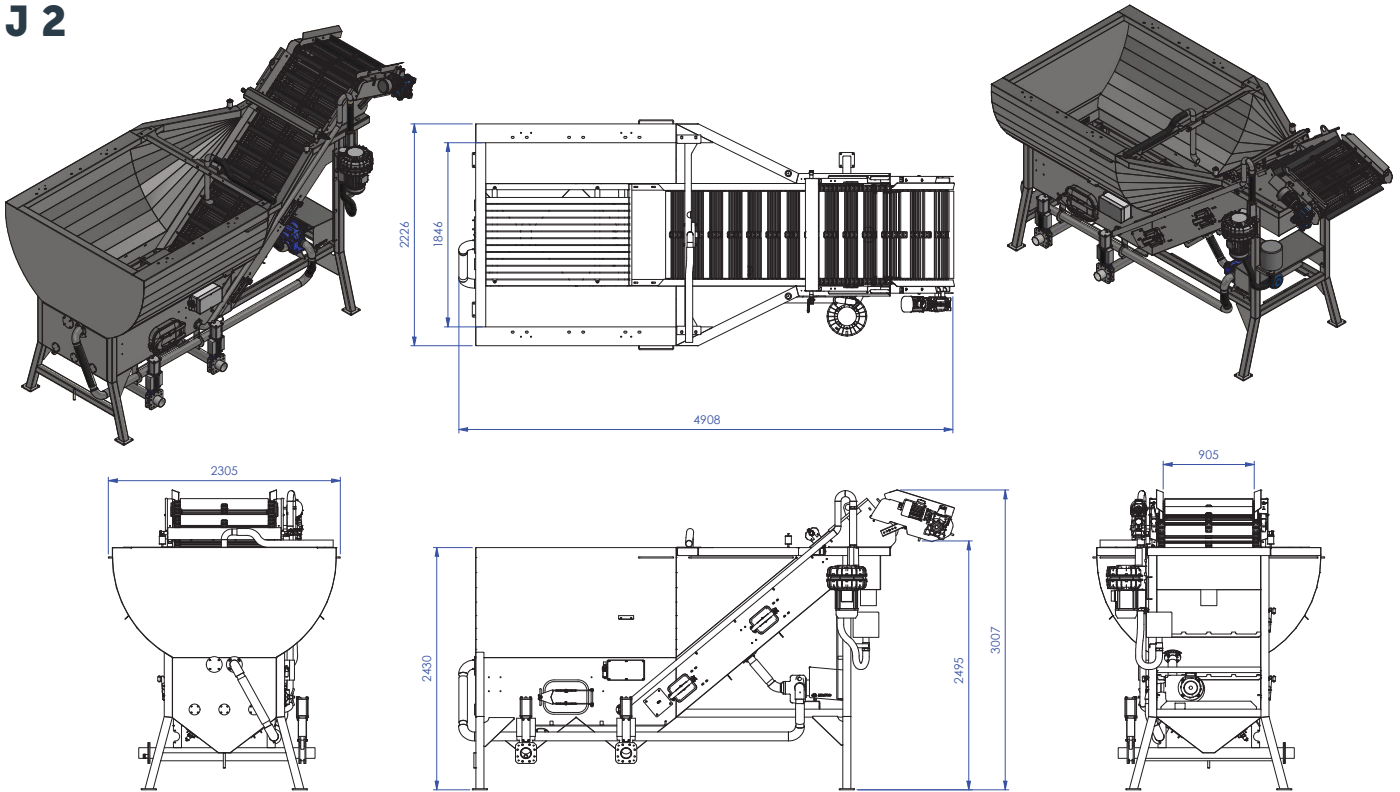
■ Water management

Automatic The valves are operated automatically. The water level is regulated automatically

■ Cleaning

Spray tube product conveyor A spray tube is included to clean the produce

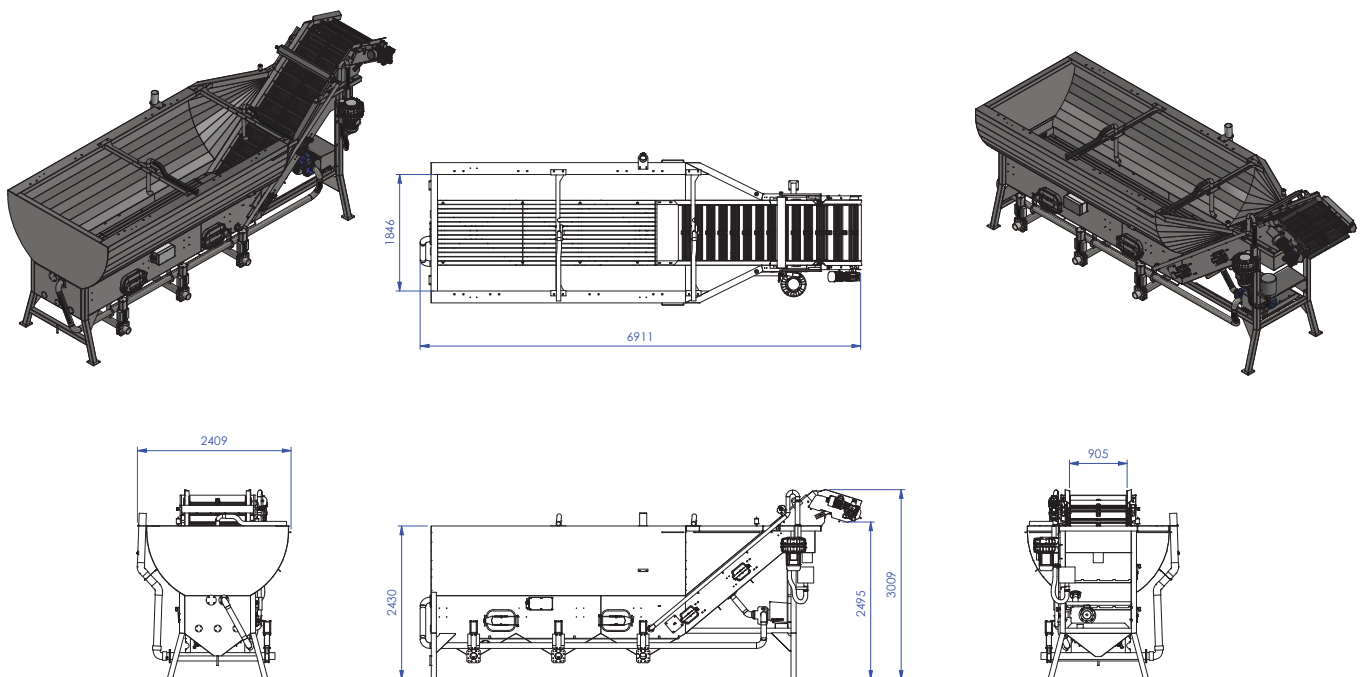
J 2



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 20768		Fit system: ISO 286		Geometrical tolerancing: ISO 1101	
Project: Wet hopper		Description: J 2 T		Surface:			
Engineer: EJC8		Scale: 1 : 35		Sheet size: A3		Revision: 02	
Date: 13-04-2021		Unit: mm		Sheet: 1 of 4			

J 4



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Total principle: ISO 8015		General tolerances: ISO 20768		Fit system: ISO 286		Geometrical tolerancing: ISO 1101	
Project: Wet hopper		Description: J 4 T		Surface:			
Engineer: EJC8		Scale: 1 : 35		Sheet size: A3		Revision: 03	
Date: 13-04-2021		Unit: mm		Sheet: 1 of 4			