

POLISHER RM

The vegetable polisher improves the appearance of fresh vegetables, resulting in more premium packed produce.



General description

The vegetable polisher improves the appearance of fresh vegetables, by removing dirt, debris, and blemishes from the vegetable's surface, resulting in more premium packed produce.

This polisher RM type has a half-round drum made up of a row of nylon brushes. The produce enters the polisher via a transport conveyor or flume and is dropped onto a roller bed, which has a rocking motion. While the produce moves towards the outfeed, brushes polish the produce. Two water pipes spray fresh and/or recycled water on the produce as it travels through the drum. Produce is washed/polished as it rubs against other produce as well as the rotating brushes.

The polisher RM type is made of mild steel. In the mild steel, the frame of the polisher is made of painted mild steel, and the bearings and drive/idle rollers are made of mild steel. In the polisher RM type, the produce flow is controlled by a manual drum valve. However, the drum valve can be operated automatically on demand. Various brush hardnesses and colors are available to choose from depending on different crops to provide effective results in polishing.

If required, the polisher can be subframe to accommodate height difference. The subframe can be made from painted mild steel, stainless steel AISI304, and galvanized steel. The height of the subframe can vary from 0-5 meters.

All dimensions in cm

RM 300-8		
A	Length of the drum	300
B	Amount of rollers	8

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

- ✓ Works on the principle of rocking motion
- ✓ The length of the drum is 300 cm
- ✓ Amount of rollers are 8
- ✓ Manual or automated drum valve to control flow rate from outfeed of the polisher
- ✓ Fresh and recycled water spray bars inside the drum
- ✓ Equipped with doors for safety and noise reduction
- ✓ A water gutter equipped on the bottom of the polisher
- ✓ Various brushes are available in different hardness and colors to choose from depending upon your crop

Options:

■ Material and treatment (frame)

Painted mild steel

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

■ Brush hardness (in mm)

0.2

Black

0.25

Yellow

0.3

Red

0.35

Grey

0.4

Green

0.4

5Blue

0.7

Black

1.2

White

■ Electrical control

No electric

Motors and necessary sensors

Stand-alone

Motors, necessary sensors and control panel with HMI. The length of the cable is 5, 10, 15 or 20 meter

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 AISI304

Options:■ **Adjustment drum valve**

Manual	The electrical panel is made from painted mild steel
Stainless steel	The electrical panel is made from stainless steel AISI304

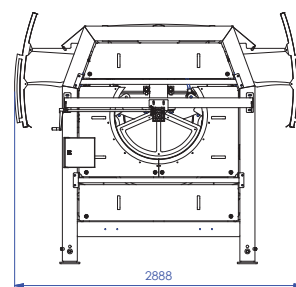
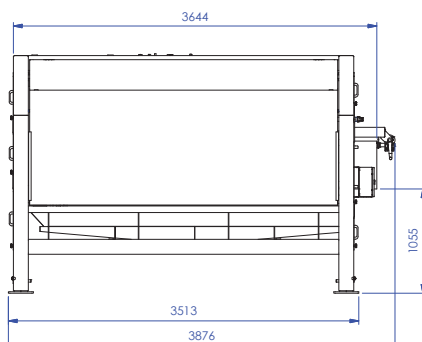
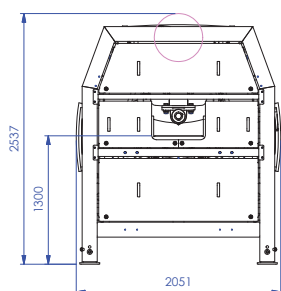
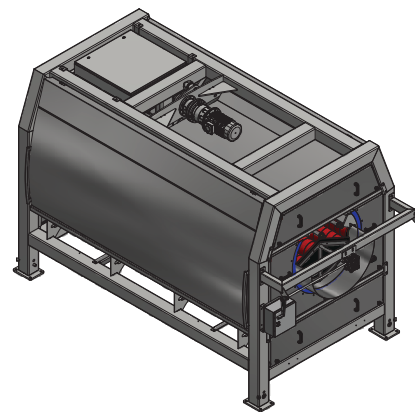
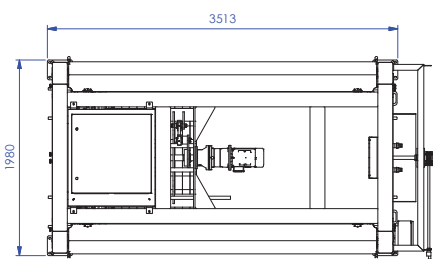
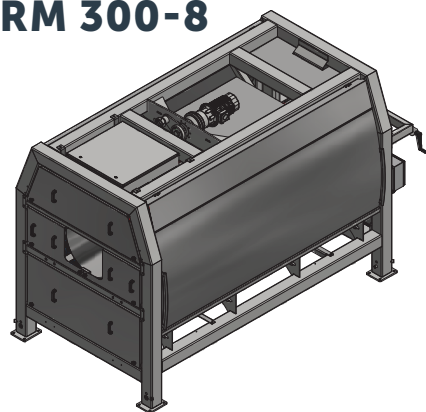
■ **Material and treatment (subframe)**

Painted mild steel	It is made from painted mild steel
Stainless steel	It is made from stainless steel AISI304
Galvanized steel	It is made from galvanized steel

■ **Height of subframe**

Height of subframe	0 to 5 meter
--------------------	--------------

RM 300-8



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

Tol principle: ISO 8013		General tolerances: ISO 20748		Fit system: ISO 286		Geometrical tolerancing: ISO 1101	
		Project: Polisher					
		Description: RM 300-8					
		Surface: - - -					
		Engineer: SRPL	Scale: 1 : 35	00107290		Revision	
Date: 12-10-2020		Sheet size: A3				00	
		Unit: mm	Sheet: 1 of 5				