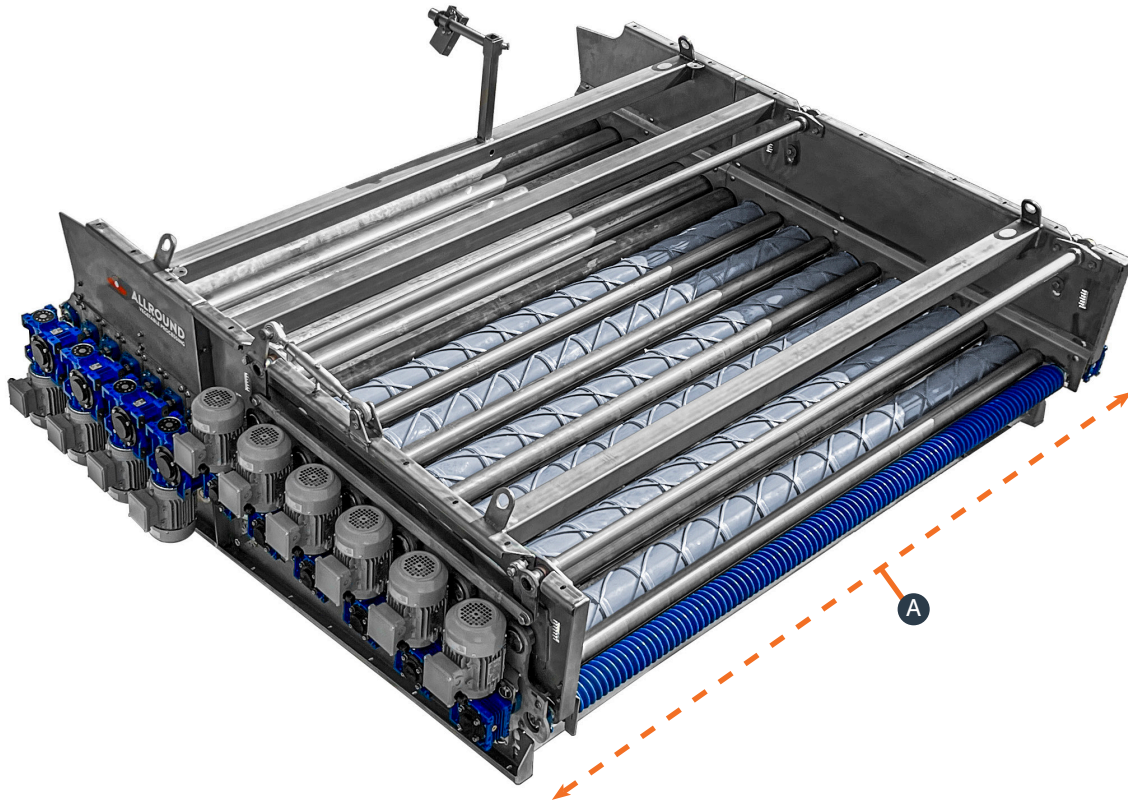


ADJUSTABLE ROLLER SET DRE

The adjustable separator is used to pre-clean the produce. The produce moves over the rollers, while dirt and skins fall between the rollers.



General description

The adjustable separator is designed for efficient pre-cleaning of vegetables and produce, ensuring the removal of dirt, foliage, skins, and stones before further processing. As the product moves over the rollers, loose dirt and waste fall through the adjustable gaps between them.

The machine is equipped with a large spiral roller and a small stainless steel roller, where specially designed carriers guide dirt and foliage through the stainless steel rolls for optimal cleaning performance. Because of the hollow openings in the spiral rollers, stones can easily pass through as the rollers slightly deform. For larger stones, the stainless steel roller automatically moves forward to create additional space and returns to its original position once the stone has passed. The speed, gap, direction, and height of the stainless steel roller are fully adjustable, allowing precise control based on product requirements.

All dimensions in cm

		DRE 240
A	Width of the machine	240
B	Amount of rollers	13

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

- ✓ The machine is only available with 13 rollers
- ✓ The gap size can be adjusted manually/automatically. The smaller (stainless steel AISI304) rollers can be adjusted up, down, forward, and backward in relation to the bigger (spiral) rollers
- ✓ The gap size is adjustable between 5 mm and 32 mm
- ✓ The hollow design of the spiral rollers allows them to flex slightly, enabling stones to pass through smoothly without interrupting the cleaning process
- ✓ The last roller can be made from stainless steel AISI304 or PU spiral
- ✓ On demand a frequency inverter can be included to control the speed

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

■ Last rollers

Stainless steel	The last roller is made from stainless steel AISI304
PU Spiral	The last roller is PU spiral

■ Electrical control

No electric	Motors and necessary sensors
Stand-alone	Motors, necessary sensors and control panel. The length of the cable is 5, 10, 15 or 20 meter
Central control in line	Motors and necessary sensors

■ Frequency inverter

Speed adjustment	A frequency inverter is included to control the speed
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■ 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

■ 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 7 meter
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Options:

■ Adjustment gap size

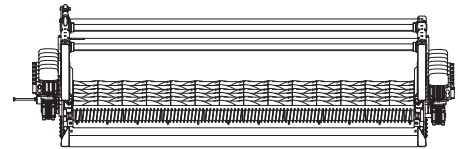
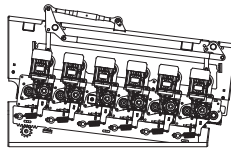
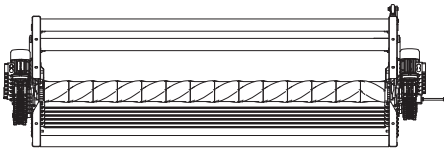
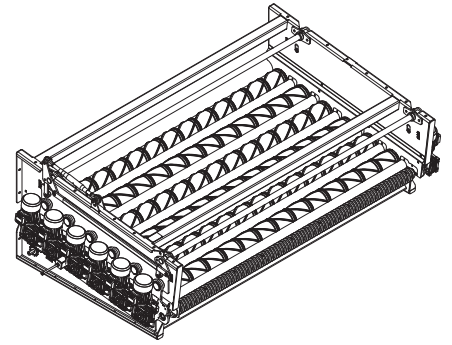
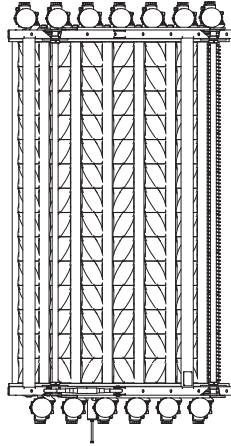
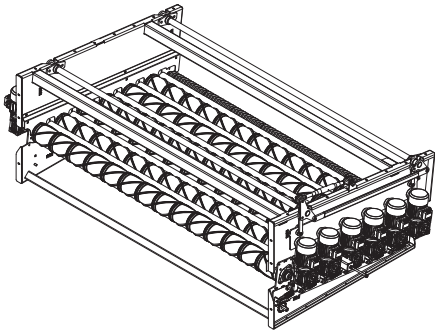
Manual

The gap size can be adjusted manually. The smaller (stainless steel AISI304) rollers can be adjusted up, down, forward and backward in relation to the bigger (spiral) rollers. The gap size is adjustable between 5 mm and 32 mm

Automatic

The gap size can be adjusted automatically. The smaller (stainless steel AISI304) rollers can be adjusted up, down, forward and backward in relation to the bigger (spiral) rollers. The gap size is adjustable between 5 mm and 32 mm

DRE 240-6



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

Tol pin code: EO 8015		General tolerances: EO 20768		Fit system: EO 286		Geometrical tolerancing: EO 1101	
Project: SO2200049 GPLM France							
Description: GPL P.3 DRE 240 - 6							
Surface: - - -							
Engineer: SRPL		Scale: 1 : 25		00195314		Revision:	
Date: 13-7-2022		Sheet size: A3		Unit: mm		Sheet: 2 of 2	
