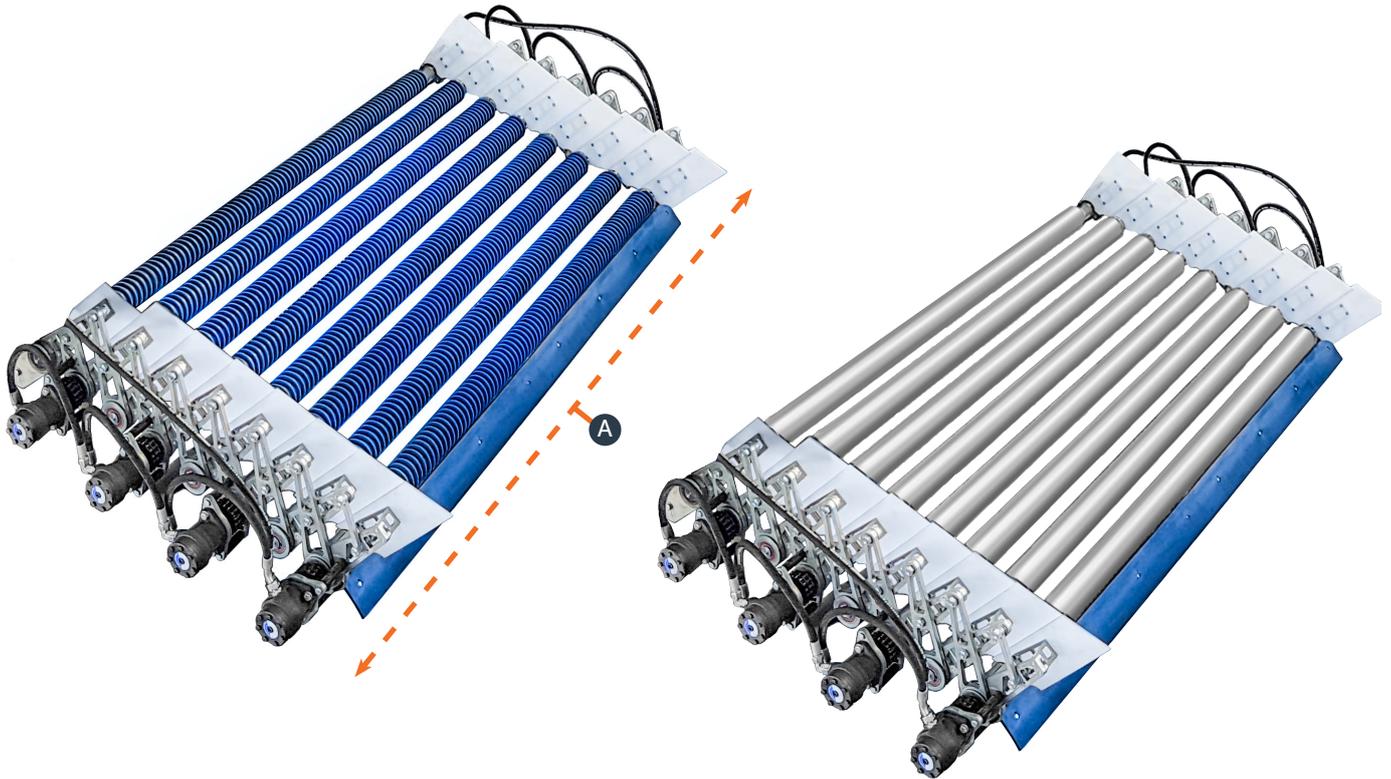


ADJUSTABLE ROLLER SET VRH

This adjustable roller set is for pre-cleaning and pre-grading the produce. This is the hydraulic version.



General description

Adjustable roller set are for pre-cleaning and pre-grading the produce. The produce moves over the rollers, while skins, dirt, and undersized products fall between the rollers. Depending on the application, the distance between the rollers can be adjusted. Rotations of rollers are controlled hydraulically.

On demand, the adjustable roller set can be supplied in PU spiral, steel spiral, stainless steel, and diabolic rollers. Each roller set has unique qualities and applications. Depending upon product and soil conditions, the type of roller set is decided on demand. On demand adjustable rollers can be supplied as a stand-alone unit or mounted on a reception hopper.

All dimensions in cm

		VRH 80	VRH 100	VRH 120	VRH 160	VRH 240
A	Width of the machine	80	100	120	160	240
B	Amount of rollers	6, 8	6, 8	6, 8	6, 8	6, 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

- ✓ Adjustable roller sets are for pre-cleaning and pre-grading
- ✓ Rotations of rollers are controlled hydraulically
- ✓ Models are available in 6 and 8-rollers
- ✓ This is the hydraulic version
- ✓ Wide range of applications
- ✓ On demand, machines can be supplied as stand-alone units or mounted on hoppers
- ✓ A frequency inverter can be added on demand
- ✓ On demand, rollers like spiral, diabolic, plain, and soft can be supplied
- ✓ On demand, the grading size can be adjusted manually or automatically

Options:

■ Material and treatment (arms)

Painted mild steel	Cover is made from painted mild steel and arms are made from electro galvanized steel. The bearings and drive/idle rollers are from mild steel
Stainless steel	Arms are made from stainless steel AISI304. The bearings and drive/idle rollers are from mild steel

■ Rollers

PU Spiral	Used for most products Thorough removing of dirt and suitable for small stones Distances between: spirals 0 – 50 mm, rollers 24 – 74 mm Diameters: spiral Ø 98, roller Ø 74
Steel spiral	Steel spiral rollers
Stainless steel	Used for most products Efficient with clay soil (without stones) Distance between: rollers 9 – 59 mm Diameter: roller Ø 89 Including scrapers
Diabolic	Used for round/oval products, pregrade to square size Distances between: diabolics 8 – 58 mm, rollers 37 – 87 mm Diameters: inner Ø 61, outer Ø 90
Soft Ø 80	Used for most products Less damage of product Distance between rollers 18 – 68 mm Diameter: Ø 80

■ Electrical control

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

■ Frequency inverter

Speed adjustment	A frequency inverter is included to control the speed
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Options:

■ 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
Hot dipped galvanized	It is made from galvanized steel
Stainless steel	It is made from stainless steel AISI304

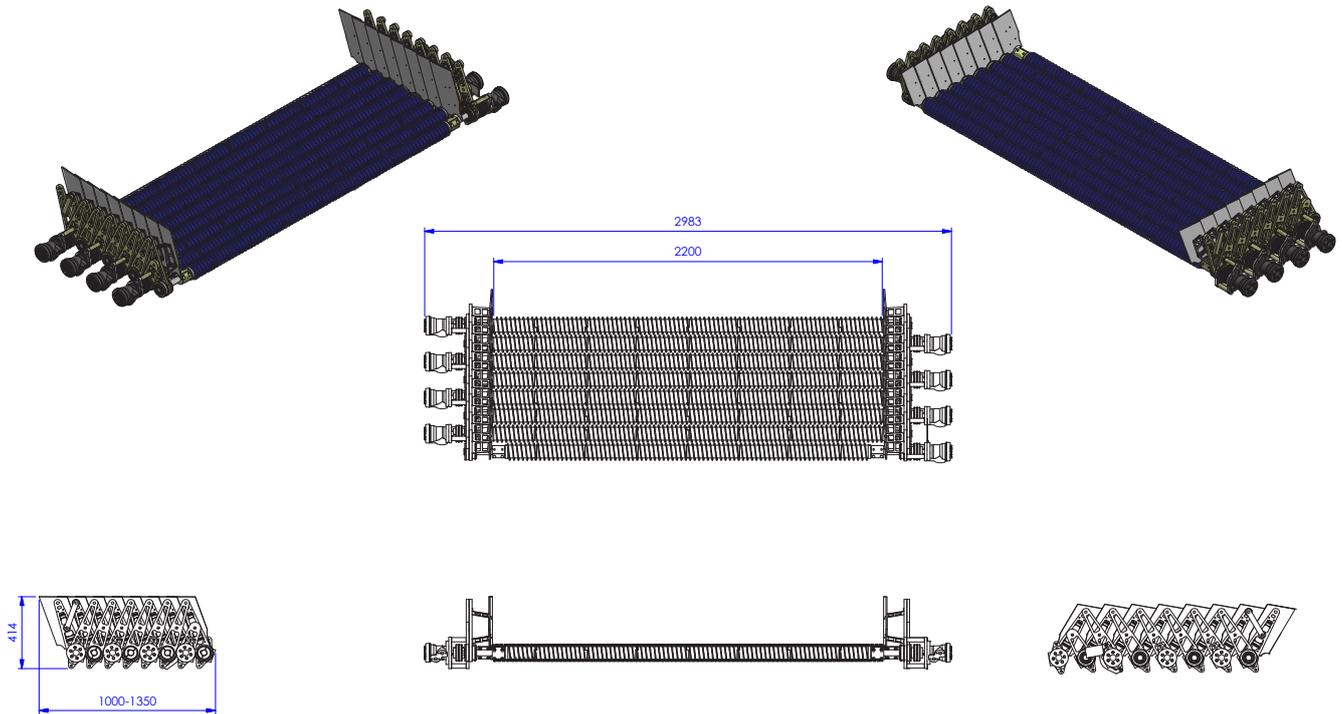
■ Height of subframe

Height of subframe	0 to 7 meter
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■ Adjustment grading size

Manual	The grading size can be adjusted manually
Automatic	The grading size can be adjusted automatically

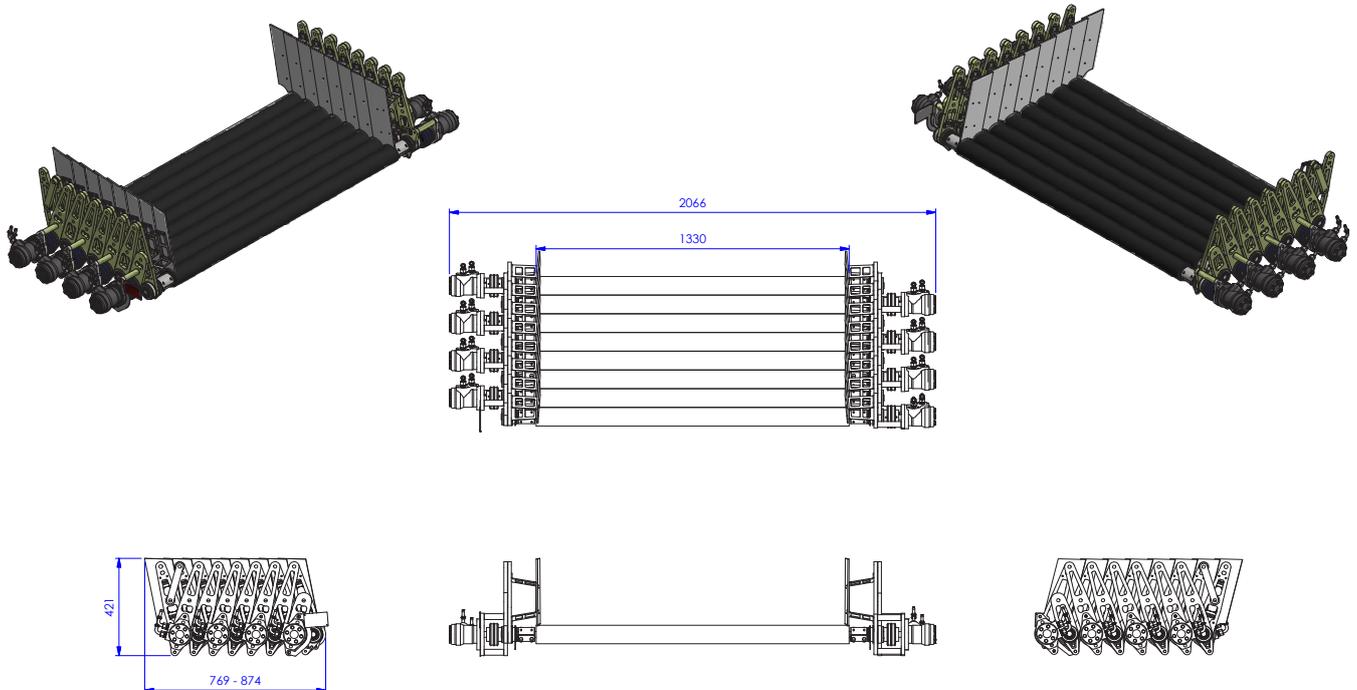
VRH 240-8



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

Tol principle: ISO 8015		General tolerances: ISO 20768		Fit system: ISO 286		Geometrical tolerancing: ISO 1101	
Project: Adjustable roller set							
Description: VRH 240-8							
Surface:							
Engineer: S.Jaan				Scale: 1:20		00000003	
Date: 09-05-2019				Sheet size: A3		Revision: 01	
Unit: mm				Sheet: 1 of 2			

VRH 120-8



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

Tol principle: ISO 8015		General tolerances: ISO 20768		Fit system: ISO 286		Geometrical tolerancing: ISO 1101	
Project: Adjustable roller set							
Description: VRH 120-8							
Surface:							
Engineer: JAJ				Scale: 1:15		00048499	
Date: 09-05-2019				Sheet size: A3		Revision: 00	
Unit: mm				Sheet: 1 of 2			