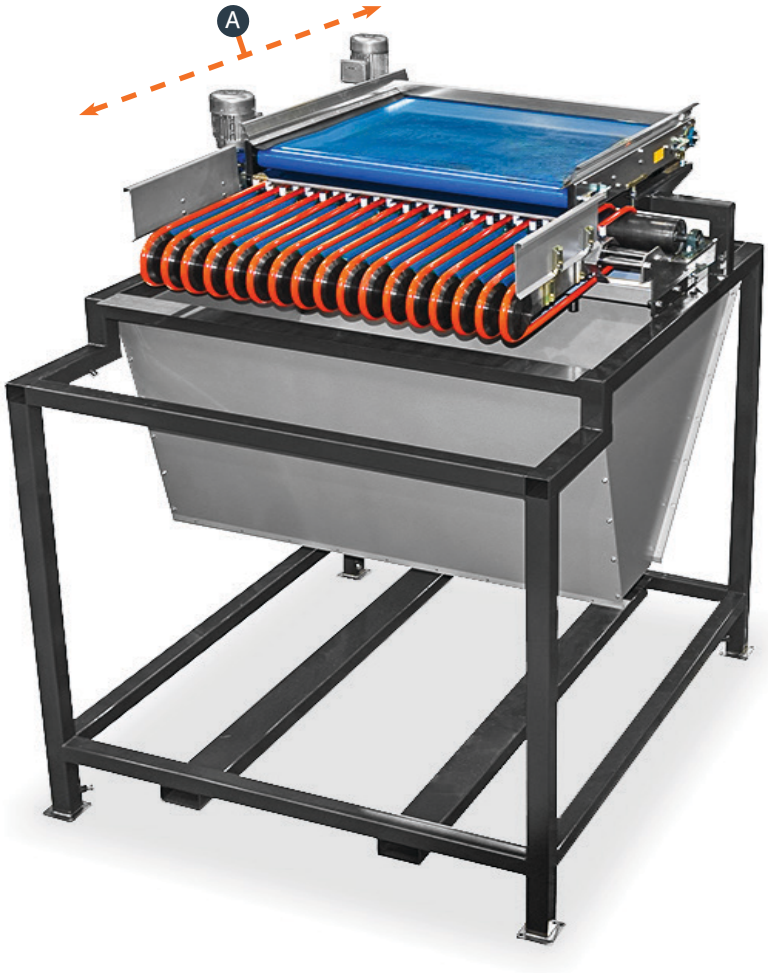
STRING GRADER PS

The string grader is designed to separate smaller from bigger size produce. In a string grader produce rolls over the strings to the outfeed.



General description

The string grader is designed to separate smaller from bigger size produce. In a string grader produce rolls over the strings to the outfeed. Undersized produce falls between the strings.

The string grader has various applications like undersize removal or as a pregrader for onion toppers. By separating smaller from bigger produce, the capacity per individual onion topper increases. Pregrading also increases the quality of the topping process.

The String grader has 17 strings of 70 cm long which can be adjusted between 50-75 mm. The diameter of the strings is 25 mm. The size adjustment of strings can be manual or automatic.

If required, the string grader can be on the subframe to accommodate height differences. The subframe can be made from painted mild steel, stainless steel, and galvanized steel. The height of the subframe can be varies from 0-7 meters.

All dimensions in cm

		TD 350-18
A	Length of the string	70
B	Amount of strings	17
C	Distance between strings (in mm)	50 – 75
D	Diameter of strings (in mm)	Ø 25

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

- ✓ Separate smaller from bigger produce
- ✓ Used as a pregrader for onion topper for efficient topping effect
- ✓ 17 strings of 70 cm long
- ✓ The diameter of the strings is 25 mm
- ✓ Size adjustment between strings is 50-75 mm
- ✓ The size adjustment of strings can be manual or automatic
- ✓ Waste collection either via a chute or transport conveyo

Options:

- **Material and treatment (frame)**

Painted mild steel	Frame is from painted mild steel. The bearings and drive/idle rollers are from mild steel. The strings are PU

- **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

- **Material and treatment (electrical panel)**

Painted mild steel	The electrical panel is made from painted mild steel
Stainless stee	lThe 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

- **Adjustment grading size**

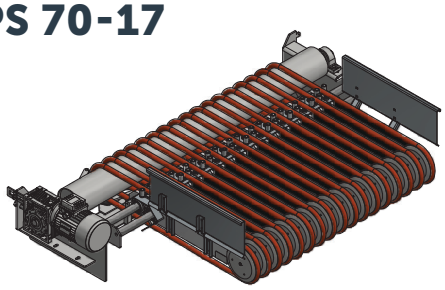
Manual	The grading size can be adjusted manually
Automatic	The grading size can be adjusted automatically

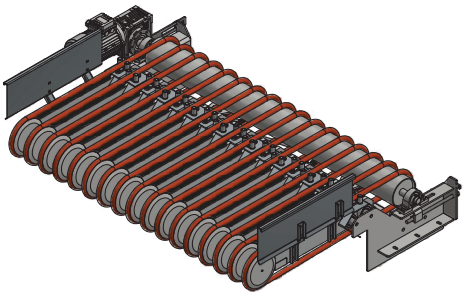
Options:

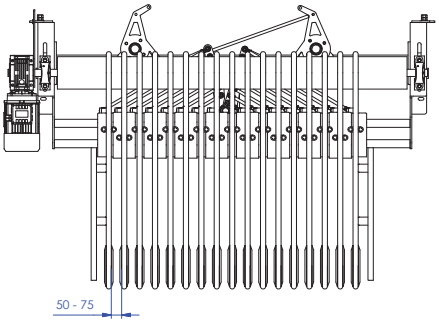
- Waste collection

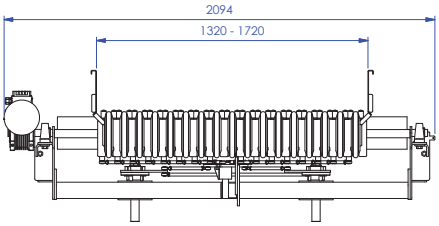
Chute	A waste chute is included on the side. The chute will guide waste to a transport conveyor or box

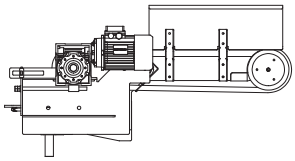
PS 70-17

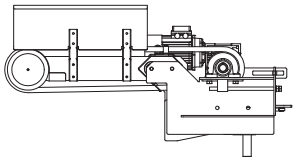












For discussion only!
The dimensions are approximately.
We are free to resize and change the machines, when we deem it necessary.

Tol principle: ISO 8015	General tolerances: ISO 20768		Fit system: ISO 286		Geometrical tolerancing: ISO 1101
	Project: String grader - -				
	Description: PS 70-17				
ALLROUND VEGETABLE PROCESSING	Surface:				
	Engineer: HWS	Scale: 1 : 17	00042673		Revision: 00
	Date: 4-6-2019	Sheet size: A3			
		Unit: mm	Sheet: 1 of 3		