

Spiral roller grader **SRS**



Operating principle

The Sormac spiral roller grader is used for grading peeled root products, particularly potatoes. The machine is equipped with a number of plastic rollers provided with a spiral-shaped groove. The depth and width of this groove increase towards the end of the roller. The groove is shaped in such a way that between each roller pair perfectly square openings of increasing size are formed.

Via an infeed hopper with V-channels, the product is transported to the machine. It is important for the infeed to be distributed evenly across the width of the grader. The grooves in the rollers transport the product forward until the groove openings become so big that the potato falls through them. The required gradings are set by adjusting the separation plates underneath the machine.

Capacity

The capacity is strongly determined by the grading of the infed product. The specified capacities, therefore, are to be considered as target values and were calculated for potatoes with an average weight of 80 grams.

Features

- slow overall height
- flexible setting of grading sizes
- precise diameter grading
- easy to clean



Product specification

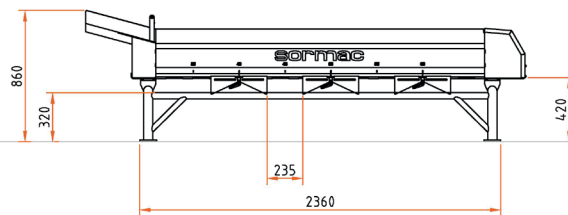
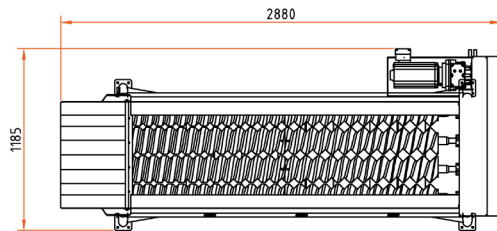
The spiral roller grader SRS is suitable for sorting peeled potatoes between Ø 20 mm and Ø 100 mm.

Options

- frequency control
- sorting size between Ø 15 mm and Ø 115 mm
- raised frame

Technical data

Type	SRS-4	SRS-5	SRS-6
Voltage	400V, 3ph, 50Hz	400V, 3ph, 50Hz	400V, 3ph, 50Hz
Installed power	1,1 kW	1,1 kW	1,1 kW
Dimensions (LxWxH)	2.880 x 1.185 x 860 mm	2.880 x 1.285 x 860 mm	2.880 x 1.570 x 860 mm
Capacity (target value)	2.250 kg/u	3.000 kg/u	3.750 kg/u
Number of rollers	4	5	6



Dimensional sketch based on the SRS-4

Sormac B.V.

P.O. Box 419
NL-5900 AK Venlo
Huiskensstraat 68
NL-5916 PN Venlo

T: +31 (0)77 351 84 44
F: +31 (0)77 320 48 01
info@sormac.nl
www.sormac.nl

Subject to change