Vibratory grader
VLS

Operating principle

The Sormac vibratory grader is designed to length-grade long-shaped products like cucumbers, carrots and carrot pieces.

The product is put on the infeed side on the infeed plate and divides itself over the whole width into a number of V-slots. Whilst passing the grading valve, the undersize falls in boxes or onto an outfeed belt. The width of the valve is adjustable.

Depending on product, required capacity and the desired grading the machine is executed with several options like one or more grading decks, an infeed valve and more grading valves.

The vibratory grader is completely executed out of stainless steel except for the motors and vibrating elements.

Capacity

The capacity can be settled in consultation with the customer and is normally between 2 and 30 tons per hour 94,400 - 66,000 lbs/hr).

Scope of supply

> necessary vibrating motors and vibrating elements
> adjustable legs (with larger machines welded legs)
> infeed- and grading deck with adjustable valve

Options

> second grading deck with pre-grading
> more grading valves
> elevator belt
> outfeed belt for graded product

Product specification

The Sormac vibratory grader is used for length-grading long-shaped products like cucumbers, carrots and carrot pieces. The grader can be adjusted to a large range of product dimensions.

Technical data

The design of the machine can be settled on customer requirements. The following information is necessary:

> type of product
> required capacity
> required grading length
> product diameter (minimum/average/maximum)
> product length (minimum/average/maximum)
> expected quantity graded product

Sormac B.V.
P.O. Box 419
NL-5900 AK Venlo

Telephone: +31 (0)77 351 84 44
Fax: +31 (0)77 320 48 01

Huiskensstraat 68
NL-5916 PN Venlo

E-mail: info@sormac.nl
Internet: www.sormac.nl