

Block grader WBS



Operating principle

The Sormac block grader type WBS is designed for accurate high capacity grading of elongated products such as carrots etc.

The grading installation can be comprised of several individual units and be easily extended to accommodate extra grading sizes. Each grading unit is a single grade and can be steplessly adjusted between 10 mm - 90 mm (0,4" - 3.54").

The principal of grading is to remove the largest graded product first with each further grading block reducing to the next required size. This system allows very accurate grading at high capacity with minimal damage. Unsorted product is transferred to the next grading unit by internal flighted transfer elevators which deliver gently to the next grading unit.

All accurately graded product is transported away from the installation by cross conveyor belts.

Capacity

The capacity is dependent on the thickness of the product to grade. Capacities up to 25 ton/hour (55,000 lbs/hr) are possible.

Scope of supply

- > elevator belt
- > grading blocks with transport belt
- > electrical control panel

Features

- > very robust and simple construction
- > big capacities possible
- > large grading accuracy
- > all grading sizes independent of each other stepless adjustable
- > almost every grading size possible

Options

- > outfeed belts for graded product
- > extra grading blocks

Product specification

The block grader WBS is suitable for grading on thickness long-shaped products, like carrots in a width of 10 to 90 mm (0,4" - 3,54").

Technical data

Voltage:	230/400 V, 3 ph, 50/60 Hz
Total installed power (4 grading sizes):	20.5 kW
Width grading bed:	1.840 mm (72")
Length per grading bed:	1.900 mm (75")
Total width:	2.250 mm (89")
Total length (4 grading sizes):	13.900 mm (547")
Extra length for extra grading size:	3.000 mm (118") per grading size
Extra power for extra grading size:	4,96 kW per grading size
Grading range:	10 - 90 mm (0,4" - 3,54")

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

Alterations reserved