

BOX SORTING MACHINE

SMA-K



The unique 'shock sorting technique' ensures an extremely accurate and product-friendly grading process. With every 'shock' movement the product is tossed up at an angle and then topples forward at an angle. The product is not given a chance to find its way between the grading holes, which ensures greater accuracy.

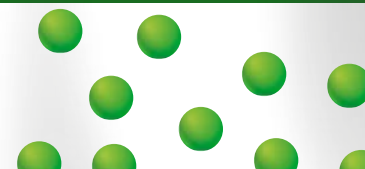
Shock depth and direction can easily be set by means of two hand-wheels. You can always choose the optimal adjustment to

ensure the best shock movement for the various types of seed and ware potatoes, as well as for onions and Brussels sprouts. Schouten's rubber sieves reduce product damage to a minimum and in addition these sieves will fill up less quickly than steel sieves. The rubber covering can rotate around the steel and consequently the product will be less likely to get stuck in the sieve frame. The sieves can be changed quickly and easily by means of quick-lock fastenings for each sieve deck.

Once the product has been graded to the correct size, a funnel leads it to the discharge conveyor. The funnel ends just above the discharge conveyor, so there is a minimal drop height. The belt is not supported by plates where the product lands on the conveyor so that the impact of the fall is absorbed as much as possible. There are also several ways to transfer your product to the box as gently as possible.

LONG SORTING BED ENSURES PRECISION

SHORT PRODUCT ROUTE - PRODUCT-FRIENDLY





SPECIFICATIONS

BOX SORTING MACHINE

TYPE	LENGTH X WIDTH (CM)	NUMBER OF SIZES	OUTPUT* (TONS/HOUR)		
			potatoes	onions	Brussels sprouts
SMA-K 160-100	160 x 100	1 - 10	10	7,5	5,5
SMA-K 160-120	160 x 120	1 - 10	12	9	6,5
SMA-K 160-160	160 x 160	1 - 10	15	11	8

* Grading capacity depends, among other things, upon the type of crop, sizes and machine settings. Also available in the length 135 cm and width 135 cm. Other dimensions are available to order.

OPTIONS

Sand sieve at the inlet point	A grille-type sieve eliminates sand and small clods at an early stage.
Schouten ejector	A facility to release potatoes which have become stuck during the grading process.
Top grading	A top grading device ensures that oversize product is discharged straight away.
Central lubrication system	Using this system, a maximum of 12 bearings can be lubricated in one operation from the side of the machine.
Sieves	This machine can be fitted with either steel or rubber-covered sieves.