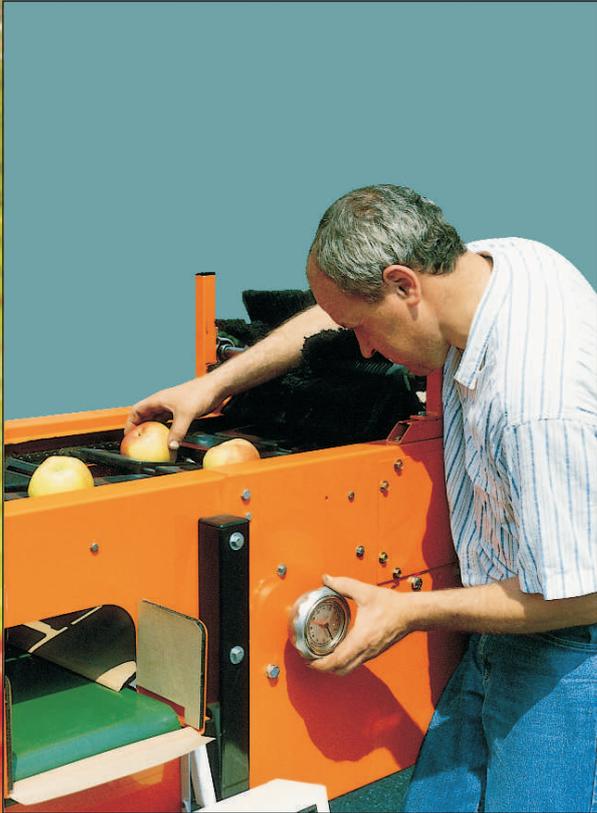




Symbol of Perfection



Technical characteristics:
Max. speed: 140 products/minute/lane
Product diameter: 40 - 90 mm
Weight system: eccentric counter weights

Mechanical weight sorting machine

The MGS sorting machine is designed to sort a very large variety of fruits and vegetables by weight.

Advantages:

- Affordable
- Product friendly
- Reliable

Mechanical Sorting Machines MGS

The specialist in sorting fruit and vegetables

www.vanwamel.nl



MECHANICAL WEIGHT SORTER MGS

Characteristics

STANDARD CONFIGURATION

- Available in 2, 3, 4 and 6-lane configuration.
- Extended singulator with inspection section.
- Unique weighing system determines weight of each individual fruit with consistent accuracy
- Easily adjustable with clock-type indicator.
- Provided with 6 weight sections / drops (in series) or more (optional).
- Outlets covered with rubber guide flaps.
- Undersize exit at drive end of the machine.
- Transparent dust protection hood.

SINGULATOR

The singulator belt deposits the fruits one by one in the weighing cups. Its inspection section allows for continuous product quality control.

It is 1600 mm (63") long and is provided with biconical rubber rollers. The continuous rotation of these rollers assures separation and prevents doubling and consequent damages to the fruit.



CAPACITY

The "Perfect" Mechanical Weight Sizer has a stepless speed control from 70 to 140 cups per minute per lane.

A filling rate of 90% gives every lane a maximum capacity of approximately 750 kg (1650 lbs) of fruit per hour.

DROPS

Via a special outlet and a right angled delivery belt the sized fruit is conveyed from the weight section to the exit. The outlet is covered with rubber flaps to prevent the fruits from touching. The exits can be provided with optional equipment such as Packing Belts and Packing Tables as required.

WEIGHING SECTIONS

The weighing sections select the heavier (bigger) fruits first, followed by the lighter ones. A unique weighing system determines the weight of each individual fruit with consistent accuracy. This also allows for size grading. The weighing sections are equipped with eccentric counter weights which can not drift. Once adjusted, they give the same weight consistently.

Every weight section is provided with an indicator clock (adjustable from 1 to 24). This allows for an immediate change of the weight (size) to be selected.

Weighing elements can be blocked separately for every lane, so that the same size fruit can be distributed to multiple drops. The distance between the weight section exit centres is 700 mm (27½").

A modular set up allows for an easy extension of the number of drops, as well as for insertion of spacer sections of the same width.



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