



Cup sizer at a belt pepper packhouse



## Cup sizer

The cup sizer allows fruit and vegetable sorting by weight, color and size, alone or in combination.

The first section of the machine is a grommet elevator where the fruit comes singulated by lanes, fruit is placed in the valleys that are formed between two grommets (or brushes in the case of pepper) and is fed to the sizer. The sizer allows to vary the speed according to the needs by a frequency converter that provides a soft and progressive start of the machine.

## FEATURES & BENEFITS

- We install different models of grommets, depending of the size and type of fruit.
- Cups, made of plastic material, are mounted on rods, which are dragged by chains in their forward movement.
- The machine can optionally incorporate a fault detection system. A photocell is installed in each lane on the grommets elevator, to detect missing cups. When this occurs, the sizer stops.
- Highest quality standards to ensure long durability.



Fruit entry on a brushes elevator

## KEY SPECIFICATIONS

- Designed to comply with the Machine Directive of the European Union (CE) 2006/42/CE

- Speed (cups/min)

Cup 4" - 350 c.p.m

Cup 6" - 350 c.p.m

Cup 6" Mango - 280 c.p.m

Cup 8" - 280 c.p.m

Cup 8" Melon - 230 c.p.m

Cup 10" - 170 c.p.m

- Capacity: depending on the type of fruit and number of lanes. Confirm.

## OPTIONS

Cup 4" - Citrus, Tomato, Plum, Peach, Small apple, Apricot.

Cup 6" - Mango, Avocado, Large apple, Pear, Pepper.

Cup 8" - Pepper, Iceberg lettuce, Galia or Cantaloup melon.

Cup 10" - Melon.

Number of lanes:

Cup 4" - 2, 4, 6, 8 o 10 lanes

Cup 6" - 2, 4, 6 u 8 lanes

Cup 8" - 2, 4 o 6 lanes

Cup 10" - 2 o 4 lanes

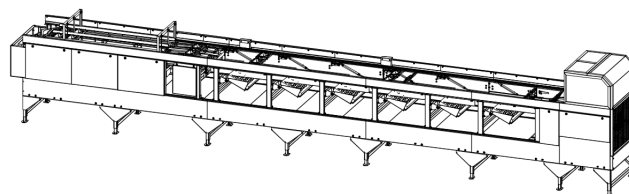
## TECHNICAL INFORMATION

- Power: 3 phases - 380 V - 50 Hz

- Power consumption: Confirm.



Transport of the produce on cups.



Cup sizer 3D scheme