

3D scheme of a large fruit cup sizer



## Large fruit weight cup sizer

The electronic cup sizer for big fruits (watermelons, melons..) is an electronic sizer for automatic sorting of big spherical and semi-spherical fruits with weight selection criteria.

This sizer is composed of the following elements: infeed and inspection module in a rollers conveyor with controlled rotation, singulation and feeding section on an undulated belt, transport and fruit weighing, control cabinet and fruit outlets.

### FEATURES & BENEFITS

- The feeding section is composed of an undulated, motorized belt conveyor to ensure the singulation of the fruit and another vertical conveyor that gently stops the fruit as it enters the sizer.
- The fruit is taken out of the sizer by tipping the cup sideways on padded nesting trays or accumulation belts, ensuring the most delicate handling of the fruit.
- Highest quality standards to ensure long durability.



Cup tipping system to a padded tray

## KEY SPECIFICATIONS

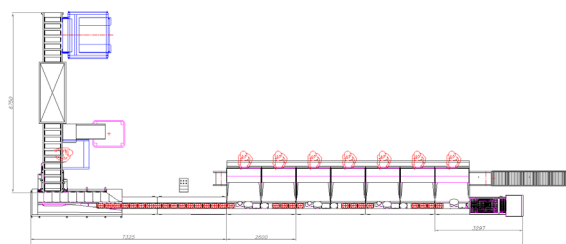
- Designed to comply with the Machine Directive of the European Union (CE) 2006/42/CE
- Products to be selected: all types of spherical or semi-spherical products with a maximum diameter of 250 mm and a length of 450 mm.
- Maximum weight: 15 Kg.
- Maximum speed: 100 c.p.m
- Capacity: Depending on the type of fruit.
- Only available with one lane.

## TECHNICAL INFORMATION

- Power: 3 phases - 380 V - 50 Hz
- Power consumption and air consumption: depending on number of outlets and sizer length.



Motorized undulated belt conveyor to ensure a good fruit singulation.



Plant view for a standard configuration