



'PITUFO' BOX WEIGHER



DESCRIPTION

Machine designed for the **post-harvest treatment of citrus fruits and other fruits**, designed to automatically weigh and fill smaller format boxes (Pitufo type), guaranteeing precision and agility in the preparation process.

The loose fruit arrives via a double-track **upper double conveyor belt**:

- A **quick-discharge tarpaulin**, which provides large quantities of fruit.
- A **thin dosage canvas**, which drops the fruit piece by piece until the exact weight is reached.


Both belts deposit the fruit in a **hopper with a pneumatic opening system**, which is located on the **box conveyor line**. Once the target weight has been reached, the hopper opens to fill the box, which then advances to a **vibrator**, responsible for settling the fruit inside and improving the final presentation.

The process is completed with a **checkweighing by means of a conveyor with an integrated scale**, where each box is verified. In case of minimal deviations, an operator can manually correct the filling, ensuring that all boxes meet the required standard.

FEATURES

Installed Power:	1.1 Kw
Voltage:	380/220V III (220 V Single Phase Low Drive)
Production:	
Packaging Type:	Small <i>Smurf Boxes</i>
Filling Range:	0 – 2.5 kg (depending on box)
Feeding System:	Double canvas top conveyor (fast + fine dosing)
Filling hopper:	With automatic pneumatic opening
Box conveyor:	With canvas and vibrator
Weight management:	Roller conveyor with integrated scale
Precision:	± 10 – 20 g (depending on product)
Recommended fruits:	Citrus fruits (orange, tangerine, lemon) and other small format products
Manufacturing material:	Stainless steel and food-grade components
Integration:	Compatible with fruit and vegetable packaging lines

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