

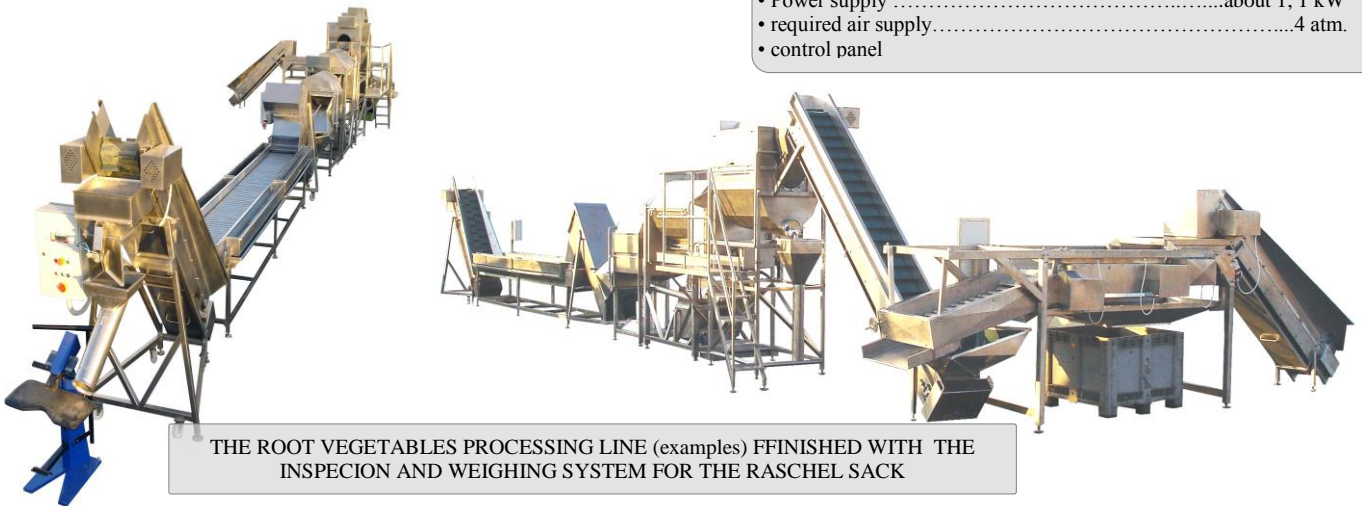
FOOD PROCESSING MACHINES MANUFACTURER

BELT WEIGHING MACHINE FOR ROOT VEGETABLES



Unit made for half-automatic weighing the root vegetables like: potato, beet, carrot etc. In packages like a sack or a bag.

- product charged to middle basket which is using double belt weighing elevator
- Elevator with wide belt (rough weighting) and with narrow belt with small bars (precised weighting)
- Middle weighting basket with leanable closing system pneumatically controlled
- Manual bag/sack installing under discharge basket or clipper
- Measurement range30 kg.
- batching precision + one bulb
- Portion mass (2 - 15) kg
- Capacityto 7 weightings – for package 5 kg (potatoes, vegetables with similar shape)
- work temperature (-10 to +40) 0C
- Number of tensometric sensors.....1
- dimensions (height/width/length)..... (2500 / 1300 / 2700)
- Mass.....~280 kg
- Power supplyabout 1, 1 kW
- required air supply.....4 atm.
- control panel



THE ROOT VEGETABLES PROCESSING LINE (examples) FINISHED WITH THE INSPECTION AND WEIGHING SYSTEM FOR THE RASCHEL SACK

ROLL WEIGH FOR BOXES AND OKTABINS

Unit is used to automatic weighing frozen fruits and vegetables in the boxes, oktobins and packages which weights from 300 to 1800 kg.

Unit builds from:

- Roller conveyor x 2 – bufor before weighting
- Roller conveyor x 1 - tensometric weight
- Elevator which is filling up the boxes with the product – type Z (slotted belt)
- Roller conveyor x 2 – bufor after weighting
- Control panel – it is controlling of work on five Roller conveyor and elevator. Communication with service by touch panel.

Product is putted on the roller conveyor and then pushed forward in weight direction. The boxes are also positioning using optical sensors. When the box will appear on the weigh elevator is turning on and it is filling up box with the product. When the elevator is done it is turning of and the box with product moves forward to further roller conveyor.

- Weighing precision1,5 kg.A
- Weighing capacity (8-15) box / hour.
- Diameters..... (length x width x height)
- Roller conveyor..... (7600 x 1600 x 300)
- Elevator..... (4500 x 1000 x 3700)
- Power supply.....4,8 kW, 50Hz, ~380VAC

