

FOOD PROCESSING MACHINES MANUFACTURER

VIBRATION WEIGHING MACHINE – 2 HEADS



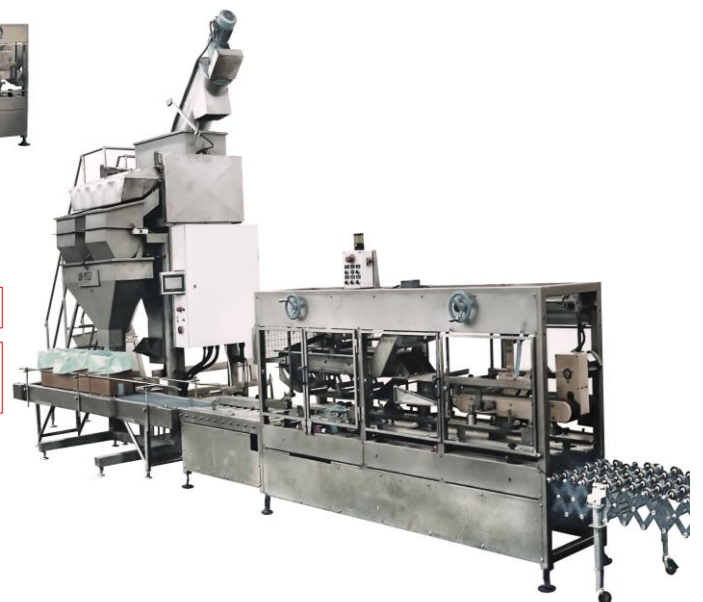
Unit used to automatic weighing of the frozen fruits and vegetables in the bags and the card boxes.

- Capacity for bags 25 kg.....to7 t/h
- Capacity for cherries..... to 3,5 t/h in packages 10kg
- Passing product directly to the middle weighing basket using the vibration system.
- Specially shaped discharge from vibration pan allows the rough weighing and precised weighing.
- Possibility of vibration weighing with thin product stream (even by one piece)
- Middle weighing basket with the leanable closing system pneumatically controlled.
- Easy communication threw touch control screen
- Intelligent control program which allows to cooperate with the external units (ex. robot which is placing bags, bag picking up transporter, bag sewer)
- Number of weighing heads .....2/3
- One weighing head measurement range .....30 kg.
- Batching precision .....40 g. (cherry)
- Portion mass .....( 10 - 25 ) kg
- Working temperature .....( +2 to + 40 ) oC
- Converter number per weighing head.....2
- Power supply.....0,7 kW, 3x380 VAC, 50Hz
- Compressed air connection required.
- Required even and not agglomerated product charging (elevator charging shown on the picture). In charge buffer basket is mounted optical sensor which controls product level – transporter work.
- **Control weight** with powered rollers, which weighs each time product with package. When mass is incorrect - does not fit set tolerance, employee has to put more or subsume manually product and next rollers ale pushing package further.

WEIGHING CARD BOXES (10-15) kG

Required fast card box placing on transporter belt and picking them up (**unit can cooperate with unit to form card boxes, vibration shaker, card box sealer**). Positioning on box on belt under discharge basket is automatic (in the picture is shown version with: buffer transporter for manual card box placing. automatic positioner of card box, shaker, check weight, buffer transporter for manual card box sealing). WEIGHING BAGS 25kG

Set only for bags (pick up transporter + check weight + sewing with the transporter and device to lay down bag on the transporter + transporter moving product to the metal detector). When weighing machine gives signal, employee removes bag from weighing machine discharge. After a moment pick up transporter and control weight rollers turns on. Bag moves automatically and stops when optical sensor receives signal. If bag weight is in its norm, bag starts to move in sewing direction. Employee task is to place bag in sewer arms. When optical sensor from the sewer receives signal, sewer starts to work and in the and cuts the thread. Further bag is laying down on transporter and moved to metal detector.



BAG SEWER

CONTROL PANEL

WEIGHING MACHINE PICK UP TRANSPORTER

CONTROL WEIGHT POWERED ROLLERS

BAG SEWER TRANSPORTER

TRANSPORTER MOVING BAGS INTO METAL DETEC.