

FOOD PROCESSING MACHINES MANUFACTURER

METAL DETECTOR – CARD BOX , SACK



Unit is used to the metal detection from packages with the frozen products (bags, carton).
Detection head (Pointed by client) situated on the conveyor with the sectional or the solid belt. When the product is passing through the detector, the gate unit is signaling (light, sound signal or stopping belt) metal existence. Then the personnel is removing a bad product. Detector can be equipped with an automatic arm which throws aside a bad product.



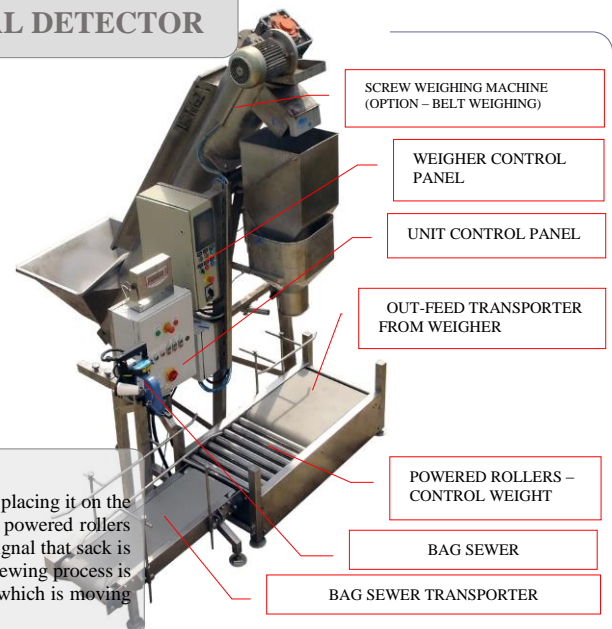
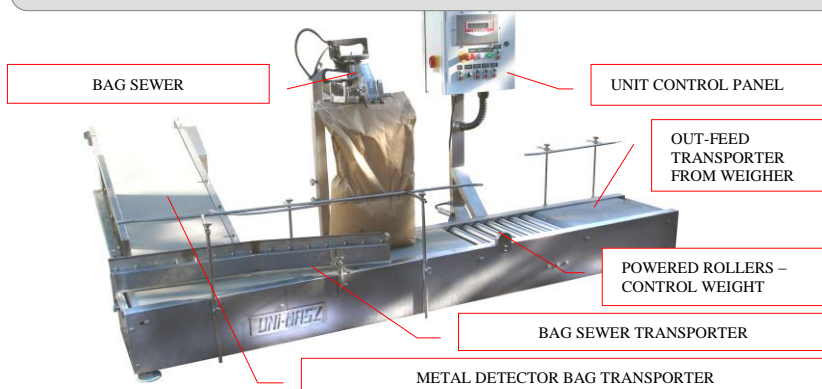
On the picture you can see detection head situated on sorting conveyor which is passing along the machine line.

CARD BOX- SHAKING, BUNDLING, SEALING, PASSING TO METAL DETECTOR

Unit used for: shaking, closing, sealing the card box in on cycle of technological process. Product has to be placed manually or by belt transporter. Unit does previously mentioned processes automatically. Optical sensor gives signal when the card box is on the process belt and further the vibration package shaking system is turning on (evenly spreading product inside card box) and simultaneously pneumatically powered arm is closing the back part of box. Automatic closing in specially shaped guide bars and simultaneous box sealing during card box movement (bottom of the box can be also simultaneously closed).



SACK – WEIGHING, SEWING, PASSING TO METAL DETECTOR



Unit used for: control weighing, sealing sack and passing to the metal detector.

After weighing and tipping product into the sack from weighing machine service is uncoupling the sack and placing it on the movable buffer belt transporter which moves it into the control weight zone. If the sack weight is correct powered rollers start to move sack. Service is placing top part of the sack in the sewer arms where optical sensor receives signal that sack is installed properly and then it starts to saw. After sawing bag, another optical sensor receives signal that the sewing process is finished and the cord is being cut off. Further service is to lay down the bag on the leaned belt transporter which is moving product to the metal detector.