

## AUTOMATIC PLANT FOR THE PACKAGING OF SALUMI USING NET – MOD. IR-115 - 99



Machine for the automatic packaging, using net, and clipping of salumi, coppe and similar products.

The principal technical characteristics of the machine are described below:

- The system can pack salumi in elastic and non-elastic net with a minimum diameter of 70mm to a maximum of 160mm and a length of 1200mm
- Based on the diameter of the product, the appropriate equipment should be put on the machine, it is easy to insert and replace.

- The product should already be packaged in synthetic casing.
- The stages of the cycle are as follows:
  - The insertion of the salumi in the machine that can be done automatically by using an automatic conveyor belt or manually by the operator;
  - un sensor pinpoints the individual piece at the beginning of the cycle and follows it in succession:
    - Packaging in net;
    - the clipping of each of the parts with the addition, upon request, of a hanging slot;
    - the cutting of the net;
    - the ejection of the product.
- Also, the installation is equipped with a special system that allows the automatic changing of the net carrying tube once the net has finished. All of this is permitted by special sensors, which constantly control the presence of net on the tube
- Positioned on the head of the clipper are reservoirs for supplying clips (approximately 3200 for each reservoir) that automatically keep the clips at an acceptable level.
- Thanks to the automatic replacement of the tube and the reservoirs for supplying clips, the machine doesn't need continuous controlling by the operator..
- In addition to the machine is the principle cradle and a tube for the loading of the net (with a chosen diameter) with a cover and a cap.
- The net needs to be pre loaded on the appropriate tube through the use of a net-loading machine
- The operation of the electro-pneumatic system is managed by PLC that as well as controlling each stage of the operation, synchronises the supply of the product and the changing of the net-loading tube.
- Trough a touch-screen complete with a keyboard it is possible to visualise and vary all parameters of the cycle in real time, furthermore, should the machine cease to function, the reason why will appear on the display.
- The machine is constructed entirely of stainless steel 304 and other anti-oxidant materials.

The machine described above is in accordance with and conforms to the European machine directive in the domain of safety, noise and hygiene.

### TECHNICAL DATA

Productivity	16/17 pieces per minute
Electrical power used:	1,5 Kw
Air consumption:	1.100 NI/min
Pressure of exercise:	7 bar

