

# Automatic wrapping machine with rotating arm using stretch film or net

**AVO / 4**



## 1. Operating features

The wrapping machine AVO/4 is specially designed to allow the most complete automation of packaging lines with stretchable film or net.

As a matter of fact, it can carry out the spiraliform wrapping of palletized units even of variable height.

The fully electromechanical operation guarantees speed and functional capacity. The easy structural arrangement assures sturdiness and long life.

## 2. Structure

- Electrowelded **supporting frame** made of tubular steel: the rational arrangement of ribs on the 4 bearing columns guarantees an absolute stiffness.
- **Rotating arm** operated by means of an alternate current motor with electronic control device to guarantee a progressive start and a gentle stop. The movement transmission is protected by a torque limiter, and the rotation speed can reach 40 revolutions per minute.
- The **reel carrier** is arranged on the vertical column of the rotating arm. Its upstroke and downstroke are obtained with the aid of a speed variator which determines the superimposition level of the film spiral. In addition, the reel unit comprises the film breaking signaling device, the clutch for film stretching adjustment and the prestretching system for a suitable utilization of the stretchable film properties.
- **Pliers-cut-brush unit**: a compact unit designed to allow a total integration of the first film end released by the pliers and a perfect adhesion of the second one by operating on the whole spiral height.
- **Protection grids** assembled perimetrically: they hinder accidental entry during operation.
- Load stabilizing **presser** (OPTIONAL) installed on the top of the machine. It is suitable for wrapping unstable or light packages.

## 3. Electrical equipment

The electric panel and the push button panel are both watertight: all connections are clearly indicated and numbered in accordance with CEI-regulations.

The equipment is suitable for alternated manual and automatic operation. All main functions are signalled by pilot lights. The switching on of the automatic programme hinders any accidental manual intervention.

The main panel is protected by a safety sealing.

## 4. Standard technical data

- Min. useful height: 800 mms
- Max. bench sizes: 1.200 x 1.200 mms
- Internal reel diameter: 76 mms
- Reel height: 500 mms
- Max. capacity: 120 benches/hour.

