



## Strapping machine **V - R4**



## 1. Operational characteristics

Our VR/4 machine was studied so as to allow full automation in packing lines.

In fact it executes vertical strapping of units on pallets at different heights, as the sealing head is positioned automatically on top of the package.

Pulling is made by a special patented dynamometrical device which enables to take advantage even of the remaining elasticity of the strap.

It is an electromechanic machine, quick and handy: its structure is a guarantee of strength and endurance.

## 2. Structure

This machine consists of modular units already tested, and the result is a quite reliable unit.

- Supporting structure made of steel sheets bent and welded.
- The strapping head is very compact and accessible with built-in throwing and pulling units and draw clips, cutting and sealing units. In case of very rigid packages, it is mostly advisable to fix a balancing device (by request).
- Strap slideways are made of milled aluminium in order to facilitate the sliding of strap. By request the machine can be supplied with a lower retractable guide which enables the strap to slide between the 2 planes (surfaces) of the bench.
- Motorized spool-holder which helps uncoiling the strap while throwing it; it avoids overplus of material.

## 3. Electrical equipment

Both the electrical control panel and push-button panel are tight: connections are clearly showed and numbered according to CEI regulations.

The equipment is made so as to work either manually or automatically. All main functions are signaled by warning lights; the automatic program cuts out any manual operation. The main panel is protected by a safety lock.

## 4. Standard technical data

- Dimensions: max. mm. 1200 x 1800 (H)  
min. mm. 500 x 500 (H)
- Strap: 12-15 mm./0.5 to 1 mm. thick
- Pulling: regulable from 5 to 350 Kg.
- Sealing: by electrowelding
- Throwing speed: 2 m./sec.
- Up/down run speed of the head: 0.25 m./sec.
- Retractable guide speed: 1.5. m./sec
- Welding and cutting cycle: 2.2 sec.
- Electromechanical functioning
- Installed power: 2 KW
- Supply: 220/380 V-50 Hz, threephase
- Weight: 1200 kg.

