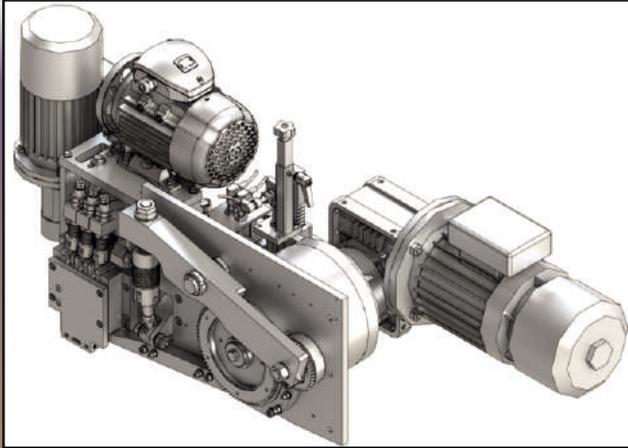


# VIBRATION STRAPPING HEAD

## VIBRATION WELDING EXPERIENCE



The results obtained with 30 years experience in strapping machines designing and manufacturing gave to our company the opportunity to realize the last generation of vibration strapping heads ht pt.

- COMPACT DESIGN
- STRONG FRAME
- RELIABLE SYSTEM
- EASY MANTEINANCE

## STANDARD VIBRATION STRAPPING HEAD MAIN FEATURES

Strapping head projected appositively to optimize performance times of the strapping cycle – throwing/recovering times and welding times.

Welding/cutting cycle speed sec. 2,2.

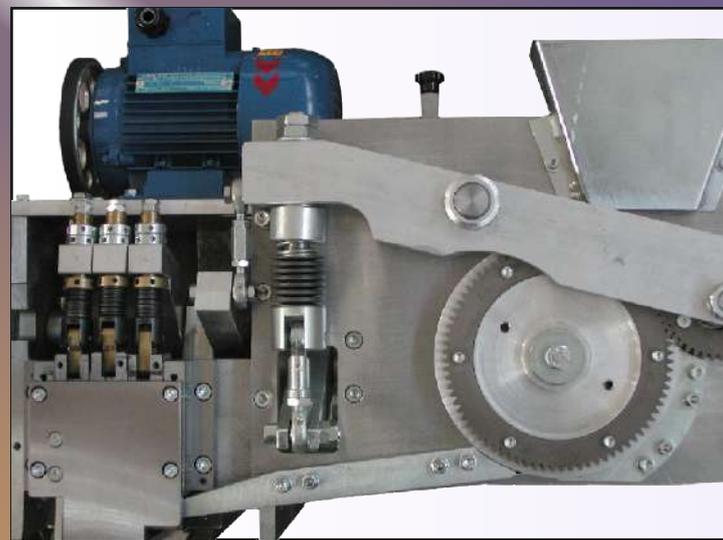
Strap tension from 50 up to 3.500 N adjustable.

Strap dimensions mm. 12 – 15, thickness 0,7 – 1 mm.

Possibility to use polyester or polypropylene strap.

Electromechanical pneumatic functioning.

Low-maintenance vibro welding unit guarantees constant sealing.



### 25 MM. VIBRATION STRAPPING HEAD

THE LATEST TECHNOLOGY TO TENSION POLYESTER STRAP UP TO 8.000 N.

PET HIGH TENSION VIBRATION STRAPPING HEAD.

USEFUL STRAP DIMENSIONS MM. 25 X 0,9 UP TO 1,2 THICKNESS.

ELECTRO-MECHANICAL FUNCTIONING.

STRAP TENSIONING 1.000 – 8.000 NEWTON.

THROWING SPEED 3 MT./SEC. ADJUSTABLE THROUGH INVERTER.

STRAPPING CYCLE FROM 4 UP TO 6 SECONDS.

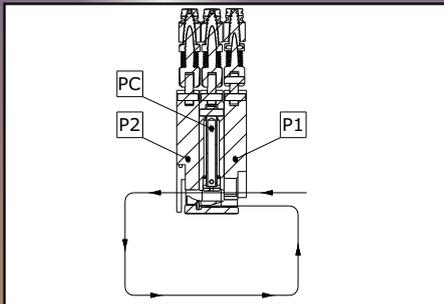
POWER SUPPLY 400 V TRIPHASE + N 50 HZ AUXILIARIES 24 V.

POWER STRENGTH 5 KW.

WEIGHT 350 KG.

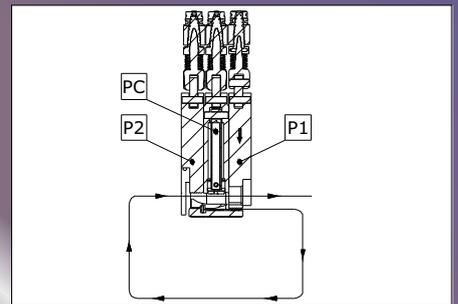
**NEW**

## STRAPPING HEAD FUNCTIONING

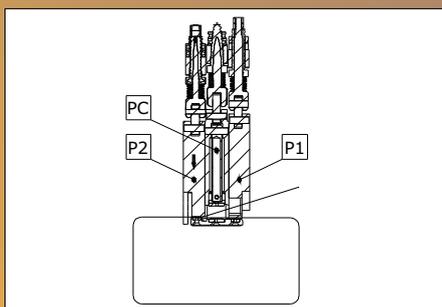


The throwing recovery motor gets in movement the dragging wheel, that makes the strap throwing; this passes through a hole of the first clamp P1, gets along the complete strapping arch and comes back to the head.

The strap edge, coming back, gets in action a level that activates, the limit-switch strap arrival : closing the contact, the motor throwing/recover stops, while the first clamp P1 gets onwards and block the strap edge. The throwing/recover motors and the extra recover rewind on the reel-holder the strap exceeding; the strap leaves the guides and leads against the pallet, while the tensioning begins through throwing/recover motor.



At final tensioning the second clamp P2 gets down, this blocks the strap and avoids the release.



The main clamp gets in contact with the strap to cut and weld it.

