



minipack® - torre
Packaging machines and systems

SLEEVE WRAPPER HS 70 – 1E 1TRACK + FLAP

**AUTOMATIC SLEEVE WRAPPER WITH PLC, 1 TRACK LOADING BELT AT 90°,
AUTOMATIC LOADING OF CARDBOARD FLAPS, PNEUMATIC PUSHER AND
UNLOAD BELT**

with 700 mm sealing bar



DESCRIPTION

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The new series of **Minipack-torre** sleeve wrappers stands out for the great versatility of the models offered combining efficiency, reliability and high performance.

The models of the HS - 1E 1 TRACK + FLAP range have a **product feed system and cardboard flaps** with rotating friction thrust rods positioned on the upper surface.

They are driven by an inverter-controlled variable speed motor and transfer the products placed on the cardboard flaps beyond the sealing bar, thus obtaining the required format.

TECHNICAL FEATURES

Power supply	V	220/400
Phase	ph	3
Electrical power	kW	24
Electric consumption	kWh	15
Air Pressure	bar	6
Air Consumption per cycle	nl	14
Hourly production	p/h (pph)	Up to 10 ppm
Sealing Bar	mm	700
MAX product height	mm	380
MAX reel dimensions	mm	Ø 350x680
Worktop height	mm	Standard 850+25
Machine dimensions	mm	4725x2570x h.2150
Tunnel infeed dimensions	mm	600x h.400
Tunnel chamber length	mm	1500
Machine weight	kg	1680

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MAIN FEATURES

- 1 track feed belt arranged at 90°
- Pneumatic pusher with multi-row preassembly
- Prong unit for feeding the products and cardboard flap beyond the sealing bar
- Flap dimensions min. mm. 250x175 - max. mm. 400x300
- Option to package products with film only or film + flap
- Sealing bar with a film cutting blade (no smoke during the sealing step)
- Height of the worktop: 850 +/-25mm
- Photoelectric cell that blocks the sealing bar if it encounters an obstacle in its path
- Passage opening under the sealing bar 380 mm
- Automatic wrapping system of the film reels with dragging rollers
- Heat-shrinking film reels with max diameter 350 mm - thickness between 35 and 100 microns
- Managed by PLC and TOUCH to change data and display the alarms for machine reset
- Real time monitoring of the alarms and direct editing of the machine settings with possibility of storing up to 10 formats
- The temperature of the sealing bar and the tunnel is controlled by the PLC
- Heat-shrinking tunnel insulated with rock wool and heated with resistors. Forced ventilation with air circulation
- Heat-shrinking tunnel Length 1500 mm with air circulation system
- Internal conveyor belt in the heat-shrinking Tunnel, driven by a gear motor with adjustable speed and featuring a thin steel mesh grate with side chains
- Switch to change the cycle from automatic to manual
- Installed power 24kW
- Average electricity consumption is reduced by about 40% during normal operation
- Air consumption 140 nl/min
- Pneumatic components that work with non-lubricated dry air
- Power supply: Option between 3phases 220V and 400V 3phases + N + T
- Machines compatible with Machinery Directive 2006/42/EC