



minipack® - torre
Packaging machines and systems

SLEEVE WRAPPER HS 70 – 1E 2 TRACK

AUTOMATIC SLEEVE WRAPPER WITH PLC, 2 TRACK LOADING BELT AT 90°, PNEUMATIC PUSHER AND UNLOAD BELT

with 700 mm sealing bar



DESCRIPTION

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The new series of **Minipack-torre** sleeve wrappers is characterised by the great versatility of the models offered which combine efficiency, safety and high performance, packaging single or multi-row products with polyethylene film for the most diverse types of goods.

The 2 TRACK HS 70 - 1E sleeve wrappers are equipped with a **2-track shutter feed belt arranged at 90°**, driven by a variable speed motor and controlled by an inverter, complete with adjustable side guides to retain the products and product conveyance sheet metal plate from the side or head production line. The double track makes it possible to convey two products onto the sealing line simultaneously, accelerating the bundling process.

TECHNICAL FEATURES

Power supply	V	220/400
Phase	ph	3
Electrical power	kW	28
Electric consumption	kWh	17
Air Pressure	bar	6
Air Consumption per cycle	nl	14
Hourly production	p/h (pph)	Up to 12 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	4650x3100x h.2150
Tunnel infeed dimensions	mm	600x h.400



Tunnel chamber length	mm	1500
Machine weight	kg	1680

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MAIN FEATURES

- o 2 track feed belt arranged at 90°
- o Product sorting unit from 1 to 2 rows
- o Prong unit for feeding the products and cardboard flap beyond the sealing bar
- o Flap dimensions min. mm. 250x175 - max. mm. 400x300
- o Option to package products with film only or film + flap
- o Pneumatic pusher with multi-row preassembly
- o Sealing bar with a film cutting blade (no smoke during the sealing step)
- o Height of the worktop: 850 +/-25mm
- o Photoelectric cell that blocks the sealing bar if it encounters an obstacle in its path
- o Passage opening under the sealing bar 380 mm
- o Automatic wrapping system of the film reels with dragging rollers
- o Heat-shrinking film reels with max diameter 350 mm - thickness between 35 and 100 microns
- o Managed by PLC and TOUCH to change data and display the alarms for machine reset
- o Real time monitoring of the alarms and direct editing of the machine settings with possibility of storing up to 10 formats
- o The temperature of the sealing bar and the tunnel is controlled by the PLC
- o Heat-shrinking tunnel insulated with rock wool and heated with resistors. Forced ventilation with air circulation
- o Heat-shrinking tunnel Length 1500 mm with air circulation system
- o 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
- o Switch to change the cycle from automatic to manual
- o Installed power 28kW
- o Average electricity consumption is reduced by about 40% during normal operation
- o Air consumption 240 nl/min
- o Pneumatic components that work with non-lubricated dry air
- o Power supply: Option between 3phases 220V and 400V 3phases + N + T
- o Machines compatible with Machinery Directive 2006/42/EC



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