



**minipack®**  
THE ORIGINAL PIONEER

# SLEEVE WRAPPER HS 90 AL

**AUTOMATIC BUNDLING MACHINE WITH PLC, LOADING AND UNLOADING BELT -  
WITH 900 MM SEALING BAR**



## DESCRIPTION

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The new series of **Minipack-torre** sleeve wrappers is characterised by its great ease of use and efficiency.

The HS 90 AL sleeve wrappers package single or multiple products in polyethylene film, and are

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Sede legale - Via Provinciale, 54 - 24044 DALMINE (BG) Italy

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equipped with a **double belt**, a feature which leads to faster sealing of the bundle. Thanks to the control selector, the operator can choose whether to work in automatic or semiautomatic mode.

## TECHNICAL FEATURES

Electric consumption	kWh	28
Air Pressure	bar	6
Air Consumption per cycle	nl	10
Hourly production	p/h (pph)	Up to 12 ppm
Sealing Bar	mm	900
MAX product height	mm	380
MAX reel dimensions	mm	Ø 350x880
Worktop height	mm	Standard 850+25
Machine dimensions	mm	4100x1650x h.1980
Tunnel infeed dimensions	mm	800x h.400
Tunnel chamber length	mm	1500
Machine weight	kg	1430

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## MAIN FEATURES

- Line ejection and feed belt
- Sealing bar with film cutting blade (no smoke during sealing)
- Worktop height: 850+/- 25

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- Air consumption 100 NL/min. Air supply required 6 bar
- Power supply: 220x3+T or 400x3+N+T
- Safety photocell that blocks the sealing bar if it encounters an obstacle in its path
- Random size mechanical product presser unit mounted directly on the sealing bar unit
- Automatic film unwinding system with upper and lower drive rollers mounted on a removable carriage for easier loading of the reel
- Heat-shrinking film reels with max. diam. 350 mm thickness between 35 - 100 microns
- Heat-shrinking tunnel insulated with rock wool and heated with resistors. Forced ventilation with air circulation
- Electrical panel built into the machine with forced ventilation managed by a **Siemens PLC**
- **S7-1200 CPU 1214C** with **KTP 700 keyboard (Touch Panels with 7" colour display)** for changing data and display the alarms for machine reset
- The temperature of the sealing bar and the tunnel is controlled by the PLC
- Internal conveyor belt in the heat-shrinking Tunnel, driven by an inverter with adjustable speed and featuring a thin steel mesh grate with side drive chains
- Switch to change the cycle from automatic and manual to semi-automatic with a pedal