



minipack®
THE ORIGINAL PIONEER

SLEEVE WRAPPER MS 50 – 1 PLC

**AUTOMATIC BUNDLE WRAPPING MACHINE WITH SCHNEIDER PLC, 1 TRACK
LOADING BELT AT 90° AND PNEUMATIC PUSHER - WITH 500 MM SEALING BAR**



DESCRIPTION

The new series of **Minipack-torre** sleeve wrappers is characterised by the excellent working conditions in any situation the user carries out the activity.

The MS – 1 PLC sleeve wrapper with a **90° loading belt** is managed by a **Schneider PLC and TOUCH**

minipack®-torre S.p.A.

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

P.IVA - C.F.: 01633550163 - Capitale sociale 619.200,00 i.v. - Reg. Imprese di Bergamo 01633550163 - REA n. 224151

for data changing, alarm display and machine reset, as well as to control the temperature of the sealing bar and tunnel.

The MS - 1 PLC sleeve wrappers are the best solution for incorporating new packaging machines in production lines, as they are all set up for automatic management of the line input and output exchange signals.

TECHNICAL FEATURES

Power supply	V	220/400
Phase	ph	3
Electrical power	kW	10
Electric consumption	kWh	6
Air Pressure	bar	6
Air Consumption per cycle	nl	14
Hourly production	p/h (pph)	Up to 12 ppm
Sealing Bar	mm	500
MAX product height	mm	230
MAX reel dimensions	mm	Ø 300x480
Worktop height	mm	Standard 850+25
Machine dimensions	mm	2530x1200x h.1670
Tunnel infeed dimensions	mm	400x h.250
Tunnel chamber length	mm	1100
Machine weight	kg	750

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MAIN FEATURES

- Feed belt arranged at 90°
- Pneumatic pusher with multi-row preassembly
- 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 230 mm
- Automatic wrapping system of the film reels with dragging rollers
- Heat-shrinking film reels with max diameter 300 mm - thickness between 35 and 100 microns
- The temperature of the sealing bar and the tunnel is controlled by PLC
- 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
- Heat-shrinking tunnel insulated with rock wool and heated with resistors. Forced ventilation with air circulation
- Heat-shrinking tunnel Length 1100 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 10kW
- 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