



minipack® - torre
Packaging machines and systems

BUNDLING MACHINE MS 90 L

SEMI-AUTOMATIC SLEEVE WRAPPER WITH LINE INFEED - INCORPORATED TUNNEL - SEALING BAR 900 MM

semiautomatic or automatic with motorised belt



DESCRIPTION

The new series of **Minipack-Torre Gramegna** bundling machines is characterised by the great versatility of the models combining efficiency, reliability and high performance. This all guarantees ideal working

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



conditions in any situation the user carries out the activity.

The models of the MS L and AL range represent the best solution for incorporating the machine in production lines, as they are all set up for automatic management of the line infeed and outfeed exchange signals.

The MS L and AL Bundling Machines wrap both individual and multiple products in polyethylene film. They can wrap products as long as 1500 mm. Thanks to the control selector, the operator can choose whether to work in automatic or semiautomatic mode.

TECHNICAL FEATURES

Power supply	V	220/400
Phase	ph	3
Electric Power	kW	27
Electric consumption	kWh	14
Air Pressure	bar	6
Air Consumption per cycle	nl	10
Hourly production	p/h (pph)	Up to 8 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	3600x1500x h.1980
Tunnel infeed dimensions	mm	800x h.400
Tunnel chamber length	mm	1500
Machine weight	kg	1200



minipack®-torre shall not be held liable for typos or printing errors in this catalogue. It also reserves the right to make changes to the specified features without prior notice. All trademarks are property of their respective owners and are hereby acknowledged.

MAIN FEATURES

- Sealing bar with a film cutting blade (no smoke during the sealing step)
- Height of the worktop: 850 +/-25mm
- Air consumption: 8 NL/min. Air supply required 6 bar
- Power supply: Option between 3phases 220V and 400V 3phases + Neutral
- Photoelectric cell that blocks the sealing bar if it encounters an obstacle in its path
- 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
- Heat-shrinking tunnel insulated with rock wool and heated with resistors. Forced ventilation with air circulation
- The temperature of the sealing bar and the tunnel is controlled with PID temperature controllers
- Internal conveyor belt in the heat-shrinking Tunnel, driven by a gear motor with adjustable speed and featuring a steel grid, shaped like thin mesh with side chains
- Switch to change the cycle from automatic and manual to semi-automatic with a pedal