



**minipack® - torre**  
Packaging machines and systems

# BUNDLING MACHINE MS 90

**SEMI-AUTOMATIC SLEEVE WRAPPER WITH PUSHER - SEALING BAR 900 MM**

semiautomatic with pusher



## DESCRIPTION

The new series of **Minipack-Torre** bundling machines is characterised by the great versatility of the models combining efficiency, reliability and high performance. This all guarantees ideal working conditions in any situation the user carries out the activity.

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The models of the MS range represent the extreme simplification of bundling machines. They are built with a solid single-unit structure and are equipped with a safety photocell which blocks the sealing bar whenever it encounters an obstacle in its path.

The MS Bundling Machines wrap both individual or multiple products in polyethylene film. The MS model is able to meet any wrapping requirement thanks to the wide range of options.

## 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	15
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	3600x1500x h.1980
Tunnel infeed dimensions	mm	800x h.400
Tunnel chamber length	mm	1500
Machine weight	kg	1400

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## MAIN FEATURES

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- Pneumatic pusher in line with scraper
- Hot bar – sealing bar type with film cut by cold blade
- Safety photocell that blocks the sealing bar if it encounters an obstacle in its path
- Passage opening under the sealing bar 380 mm
- Automatic upper and lower system to unwind the film reel with dragging rollers
- Heat-shrinking tunnel Length 1500 mm for mod. (MS 900) with air circulation system
- Adjustable speed of the conveyor belt in the tunnel
- Installed power 27 kW for mod. (MS 900) - Average electricity consumption is reduced by about 40% during normal operation
- Air consumption 150 nl/min
- Pneumatic components that work with non-lubricated dry air
- Switch for manual or semi-automatic operation
- Power supply: Option between 3phases 220V and 400V 3phases + N + E
- Machines compatible with Machinery Directive 2006/42/EC