LINYOPACK

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FOOD
PACKAGING
SOLUTIONS
WORLDWIDE

M-450

Semi-Automatic MAP Tray Sealer

MODIFIED ATMOSPHERE.
SIMPLE OPERATION.



MAP packaging for your tray format.

Manual tray loading with an automatic vacuum, gas filling and sealing cycle.

Product-specific setup
Gas mixture and tooling selected for your food and tray.

MAP
VACUUM & GAS FILLING

Touchscreen
PLC PROCESS CONTROL

Flexible Tooling
CUSTOM TRAY FORMATS

2-3	350 × 490	450	SUS304
cycles/min	mm	mm	stainless steel
NOMINAL PACKAGING SPEED	MAXIMUM TRAY SIZE	MAXIMUM FILM WIDTH	MACHINE BODY



Fresh Meat



Prepared Foods



Fresh-cut Fruit



Coconut Portions

Speed depends on product, tray, film and settings. Packaging images are application examples.

Your Product. Your Packaging Setup.

Tell us your product, tray format and packaging requirements.
We'll define the packaging setup for your application.

Scan for more

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Technical Overview

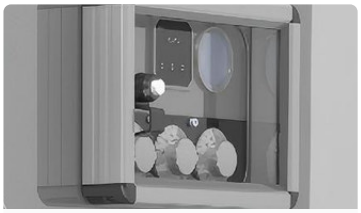
Semi-automatic modified atmosphere packaging with product-specific gas mixing and tray tooling.



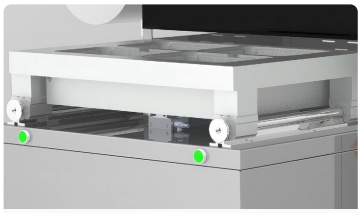
Machine Details



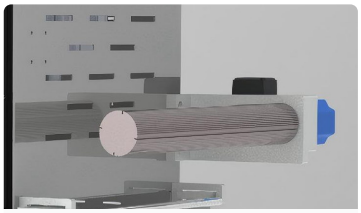
Control Interface



Gas Mixing System



Tray Tooling



Film Handling

Technology Highlights

Vacuum Replacement
Closed-chamber evacuation followed by controlled gas filling.

Gas Mixing
Select a one-, two- or three-gas configuration for your product.

PLC & Touchscreen
Siemens controls for setting and monitoring process parameters.

Changeable Tooling
Tool-free mold removal for format changes and maintenance.

Typical MAP Process



Manual loading and unloading. Sequence shown schematically.

Technical Specifications

Packaging method	Vacuum-replacement MAP	**Power supply**	380 V / 50 Hz
Packaging speed*	2-3 cycles/min	**Total power**	5.5 kW
Maximum tray size	350 × 490 mm	**Vacuum pump capacity**	100 m^3/h
Maximum film width	450 mm	**Working air pressure**	0.5-0.7 MPa
Maximum roll diameter	260 mm	**Machine weight**	500 kg
Gas replacement rate*	≥99.5%	**Machine dimensions**	1245 × 1150 × 1560 mm
Gas mixing accuracy*	Better than ±2%	**Tooling**	Customized to tray samples

*Nominal values from the technical sheet. Results depend on product, tray, film, gas mixture and settings.
Gas replacement rate is not a residual oxygen specification. Tooling is confirmed against actual tray samples.

Materials & Controls

SUS304	Siemens	SMC / AirTAC	Omron	6061 Aluminum
Machine body	PLC & touchscreen	Pneumatics	Temperature control	Tray tooling

Listed configuration from the technical sheet. Final component selection is confirmed with the order.

Tell Us Your Product. We'll Define the Packaging Setup.

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