VKF30

THERMOFORMING MACHINES

IP 66 HYGIENIC DESIGN

COMPACT

SMALL COMPANY

36 MONTHS GUARANTEE

TOOLS FREE

STAINLESS STEEL

USER FRIENDLY

Types of packaging

SEALING ONLY

SKIN

MAP

VACUUM

Packaging products

FRESH MEATS

COLD MEATS

SLICED

FISH

CHEESE AND DAIRY PRODUCTS

READY MEALS

FRUITS AND VEGETABLES

FRESH NOODLES

BAKING AND CONFECTIONERY PRODUCTS

DRY FRUITS AND SNACKS

VKF30: great quality in a small space

The automatic thermoforming machine VKF30, with its compact dimensions, was designed for packaging with rigid or flexible plastic material complying with the highest quality standards. Dedicated to small companies with requirements of packaging of food and medical products and consumer goods, it features the quality standards of a machine designed for large scale productions. Stainless steel structure aisi 304, brushless motor. Transportation of the plastic film with stainless steel pliers aisi 304, lifting system of sealing and forming moulds both mechanical and pneumatic. Control and management with control panel 7" touch screen. You can obtain packages in both flexible and rigid plastic material, therefore linear and perimetric cuts (shaped). User applications: sealing, skin with or without edge, MAP and vacuum.

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VKF30 THERMOFORMING MACHINES

STRUCTURE AND DETAILS
Made in stainless steel to endure the hardest production environments and the most intense stresses. Aluminum inserts with anti corrosion and wear hard anodization treatment (anodic hard oxidation 40 μm).

WASHING AND SANITATION IN PRODUCTION ENVIRONMENTS
Designed to endure intense washing cycles and frequent sanitations with IP 66 protection level. Fits all production environments and all sanitation treatments.

FLEXIBLE AND VERSATILE IN MANAGEMENT AND FORMAT CHANGES
Fast management and format change without need of tools (tools free) and integration with other elements composing to packaging line.

GUARANTEE AND RELIABILITY
Complies with the highest quality standard both in terms of structure and of components, to the extent of having as many as 36 MONTHS GUARANTEE of standard guarantee.

AFTER SALE
Customer care at the international level for technical assistance, spare parts, complete revisions and support for the study of new packages or modifications to existing machines. System for the connection and monitoring of the machine with internet in protected network VPN.

ERGONOMIC AND USER FRIENDLY
Designed ergonomically guaranteeing wide range for the management of the format and mould changes as well as maintenance.
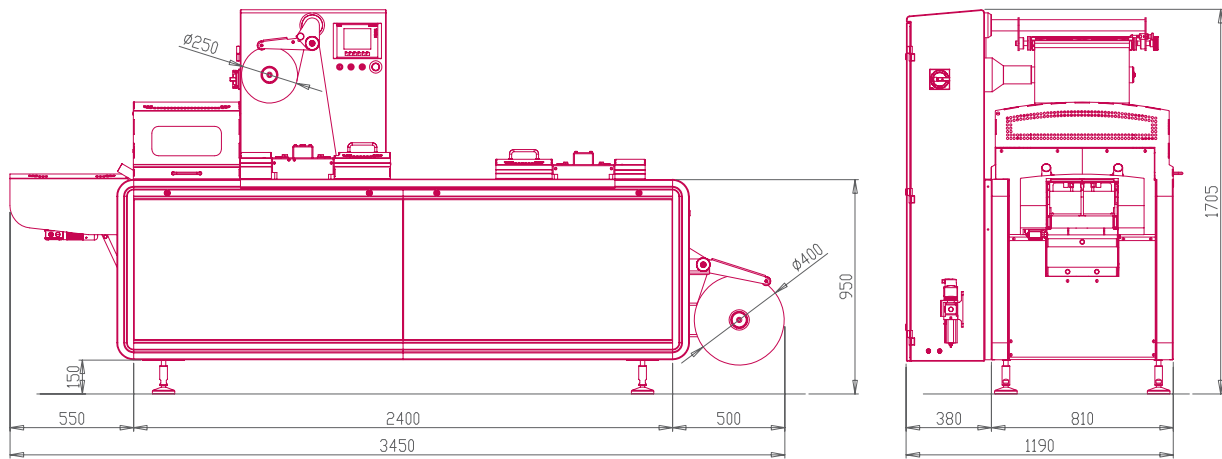
HMI MANAGEMENT INTERFACE
Easy to control thanks to a touch screen colour control panel, run by a HMI graphically intuitive and understandable at all control panel levels. Developed in Windows CE environment on SIEMENS SIMATIC systems.

ACCESSORIES
Oxygen analyzer, gas mixer, vacuum pumps, printer.

Dimensions

Technical characteristics

Machine length	from 3450 to 4650 with step of 600 mm
Machine width	1190 mm
Machine height (luminous turret excluded)	1705 mm (± 50 mm)
Loading area	600 ÷ 1600 mm
Loading area height	950 mm (± 50 mm)
Machine weight (vacuum pump excluded)	1000 Kg
Control panel height	1450 mm (± 50 mm)
Lower film standard width	322 - 362 - 422 mm (+1 mm)
Lower film special width	Not available
Feeding max. step	300 mm
Forming max. depth	120 mm
Film reel core diameter	3" (70 ÷76 mm)
Lower film reel max. diameter	400 mm
Upper film reel max. diameter	250 mm
Construction	STAINLESS steel Aisi 304
Control / command system	PLC and Touch Screen 7"
Control / command interface	HMI Simatic Siemens - Windows CE
Feeding system (Drive)	Brushless Motor
Installed power (pumps excluded)	9,5 kW - 440 V - 50/60 Hz - 3P+N+GND
Protection degree IP / NEMA	IP 66 / NEMA 4

Pneumatic feeding (average consumption)	750 Nl/min
Electrical components	Siemens, Toshiba, ABB, Sick, Phoenix Contact
Mechanical components	Rossi Motoriduttori, Minimotor, Siemens, Iwis, SKF, Igus
Pneumatic components	Festo, Parker
Vacuum system components	Omal, Valvaut, Maros Engineering, Trelleborg

Packaging

Production capacity	up to 10 cycles / min.
Application	Sealing - Skin - MAP - Vacuum
Lower film for RIGID packages	up to 500 μm
	PET - PVC - PS
Upper film for RIGID packages	Not available
Lower film for FLEXIBLE packages	up to 400 μm
	PA - PP - Paper - Alu
Upper film for FLEXIBLE packages	up to 200 μm
	PA - PP - Paper - Alu - Tyvec - Skin

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