

## HEALTHY PACKAGING SOLUTIONS

We are an expert company producing FOOD / MEDICAL PACKAGING MACHINES with modern technology. We provide machines, services, and consultancy for the industry. Our principle is to offer the food to the end consumer in its natural state by preserving its flavor and nutritional properties without the need for additives. Our goal is to introduce the deliciousness of our traditional cuisine to the whole world. We provide the solutions that our customers need with the right budget. All our machines are specially designed and have international certificates. We build both standard and custom machines and provide support with regards to all kinds of material requirements of our customers. We supply multi-layer packaging films with superior qualities.

### Always better...

We are carrying out R&D activities in cooperation with scientific research institutions from different countries and universities to develop global solutions. Considering the transformation around the world with regards to the economy and health systems, we are in cooperation with numerous companies in the fields of packaged food and Central Kitchen operations. We do not offer packaging machines only, we offer packaging solutions tailored for the needs of our customers.

### We Add Value To Your Products.



### Packaging Technologies

- Tray / Jar Sealing
- Modified Atmosphere Packaging (MAP)
- Controlled Atmosphere Packaging (CAP)
- Skin Packaging
- Thermoform
- Vacuum / Gas

### Packaging Machines

- PERFORMA series fully automatic packaging lines (Thermoform) (MAP / CAP / SKIN)
- AUTOMAP series fully automatic packaging lines (MAP / CAP / SKIN)
- MAP25 series semi-automatic tray sealing machines (MAP / CAP / SKIN)
- Tabletop series desktop tray sealing machines

### Single- or Multi-layer Packaging Films

- Standard films
- Barrier films
- Heat resistant films
- Seal bag and Doypack films
- Multi-layer Coex films
- Paper-based films
- Metalized films
- Pasteurization, Sterilization, Microwave, and Oven films

### Value Added Products

- Ready to Eat
- Central Kitchen
- Sous-Vide
- Long Shelf Life without Additives
- Medical Packaging

## PERFORMA 320-360-420-460-520-560 Fully Automatic MAP Thermoform Packaging Line

These are fully automatic machines which shape, fill, and seal packaging trays. They are suitable for **FOOD and MEDICAL** packaging. All stages of the packaging process including tray production, automatic weighing, liquid/granule/powder filling, vibration-placing, film sealing and cutting, labeling, product sorting, and product collection can be run on a single production line. Both **VACUUM, MAP,** and **SKIN** packaging can be performed depending on the desired package type. Double-acting form or homogeneous piston form units can be fitted to the production line.

### USAGE

- READY TO EAT
- DELI
- CHEESE VARIETIES
- PEELED AND CLEANED FOOD
- SALAD - VEGETABLE - FRUIT
- GRANULE AND POWDER
- FROZEN PRODUCTS
- MEAT AND MEAT PRODUCTS
- DRIED NUTS - DRIED FOOD
- SEA PRODUCTS
- PASTRY PRODUCTS
- WAFER - PATTY - DESSERT
- MEDICAL PRODUCTS
- MILITARY LOGISTICS

Gradual vacuum operations can be easily performed using the special **zeroxygen** software. It is fully compatible with all kinds of packaging system accessories. All kinds of packaging molds including square, triangle, round, rectangular, single-compartment, and multi-compartment can be used.

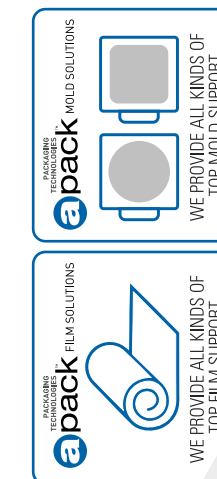
PERFORMA series works with all kinds of top and bottom films. Economical packaging can be performed at high capacities using single or multi-layer/laminated/foam films.

The entire body of our machines is made of stainless steel. Belt conveyors and moving parts are made of hygienic materials. The machine is very easy to use, maintain, and clean.

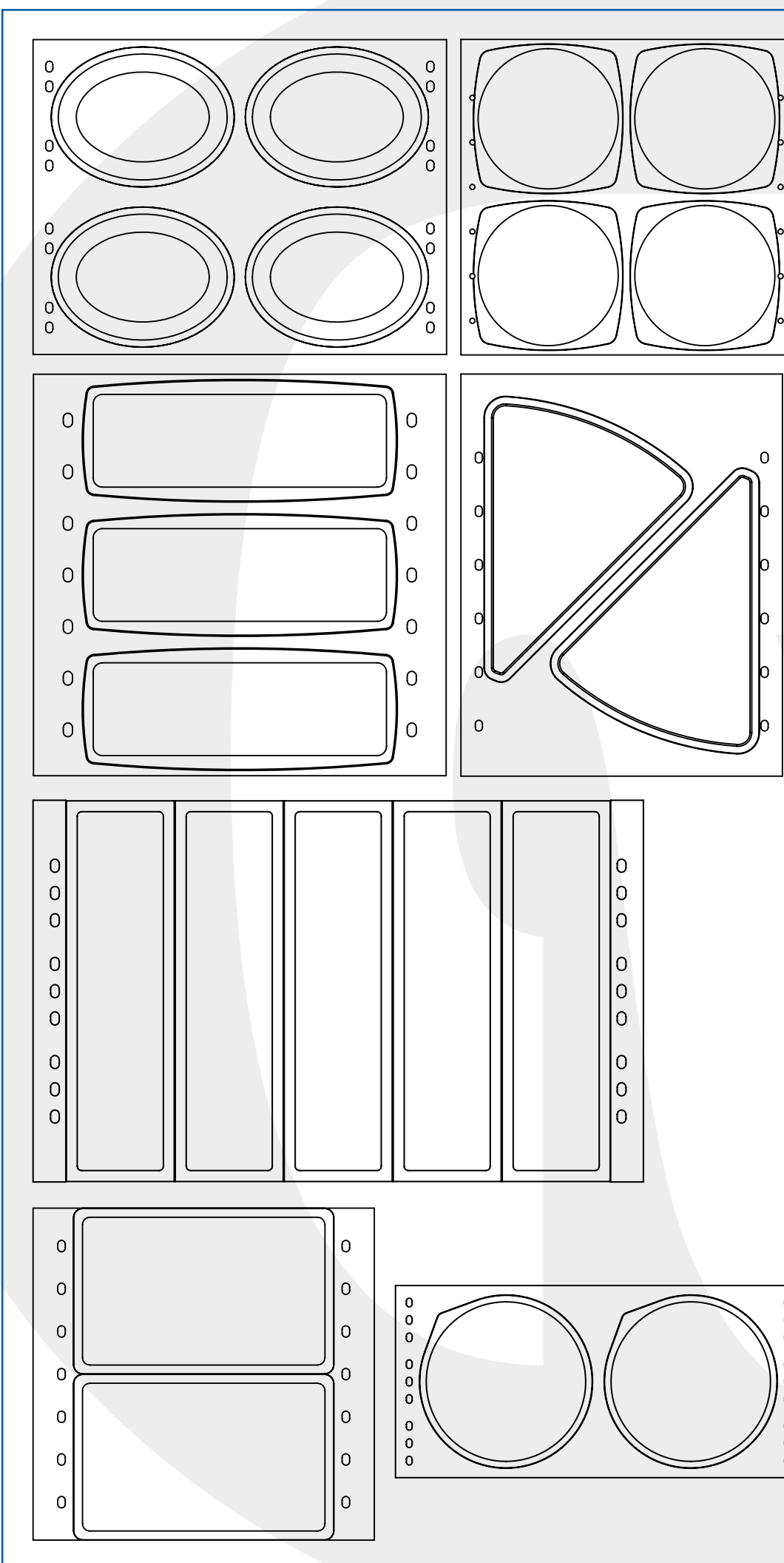


### PERFORMA TECHNICAL SPECIFICATIONS

POWER	400V, 50-60Hz, 3/N/PE min 4.0 – max 14.0 kW
VACUUM PUMP	60-205m³/h
AIR PRESSURE	6 bar Continuous - Dry Air
COMPRESSED AIR USE	70 NI/cycle
GAS PRESSURE	6 bar
TOP FILM WIDTH	330/370/430/470/530/570 mm.
TOP FILM REEL INNER DIAMETER	76 mm.
TOP FILM REEL OUTER DIAMETER	300 mm.
BOTTOM FILM WIDTH	320/360/420/460/520/560 mm.
BOTTOM FILM REEL INNER DIAMETER	76 mm.
BOTTOM FILM REEL OUTER DIAMETER	300 mm.
COOLING WATER	60-80 litres/h
COOLING WATER USE	6000 kCAL/h
PRODUCTION CAPACITY	6-10 cycle/min.Vacuum and Gas 8-12 cycle/min Only Sealing
OPTIONAL	Liquid / Dost Filter
CONTROL METHOD	OMRON PLC Colored Touchscreen
LOADING AREA	2.0-4.0 m
WIDTH	6000 mm.
LENGTH	1100- 1200-1300 mm.
HEIGHT	2000 mm.
WEIGHT	Yaklaşık 2000 kg.



MOLD DIMENSIONS AND PLACEMENT (mm)



### Easy and Safe Use

The touchscreen allows for monitoring all steps of the mold and packaging process. The automation unit that performs all kinds of monitoring and inspection operations regarding the production line displays warnings in case of possible errors, misuses, and installation failures and protects the system. Multiple program memories allow for easily switching between different production models.

“All PERFORMA series machines can be accessed via the internet for system controls.”



MODERN TECHNOLOGY a HIGH EFFICIENCY a EASY USE a FAST SERVICE SUPPORT a

- PERFORMA series machines have been designed considering the working conditions in our country to ensure seamless operation for a long period of time
- PERFORMA series machines have all kinds of international compliance certificates.

### PERFORMA

- HAS INTERNATIONAL INDUSTRIAL STANDARDS COMPLIANCE CERTIFICATES.
- FULLY AUTOMATIC OPERATION SYSTEM.
- VACUUM AND GAS SYSTEMS ARE AVAILABLE.
- ALLOWS FOR GRADUED VACUUMING.
- VERY SIMPLE TO USE.
- MACHINE CAN BE ACCESSED REMOTELY VIA THE INTERNET.
- FULLY COMPATIBLE WITH ALL KINDS OF PACKAGING ACCESSORIES (PRINTER, WEIGHER, ETC.)
- ALL KINDS OF PRINTED/NON-PRINTED FILMS CAN BE USED.
- BUILT WITH HIGH-QUALITY WORKSMANSHIP.
- VERY EASY TO MAINTAIN AND CLEAN.
- CAN BE MODIFIED FOR ALL KINDS OF PRODUCTS.
- SUITABLE FOR FOOD PACKAGING.
- SUITABLE FOR MEDICAL PACKAGING.



# PACKAGING TECHNOLOGIES™

# apack™

## PERFORMA



### PERFORMA 320 - 360 - 420 - 460 - 520 - 560

## Fully Automatic MAP Thermoform Packaging Line

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Dealer:

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Sealing Film Cutting Vacuum	Gas	MAP	Skin	Compressed Air	Tray Production	Dimensions (mm)				Automation	Capacity (Vacuum-Gas) Cycle/Minute	Capacity (Only Sealing) Cycle/Minute
						WIDTH	LENGTH	HEIGHT	HEIGHT			
● S	●	●	●	●	●	280	480	380	25	SEMI	4-8	4-8
						280	480	380	25	SEMI	4-8	4-8
●	●	●	●	●	●	500	820	800	60	SEMI	6-10	6-10
						500	820	800	60	SEMI	6-10	6-10
●	●	●	●	●	●	800	1280	1770	350	SEMI	8-10	8-10
						800	1280	1770	350	SEMI	8-10	8-10
●	●	●	●	●	●	900	1450	1800	450	SEMI	8-10	8-10
						900	1450	1800	450	SEMI	8-10	8-10
●	●	●	●	●	●	920	1280	1990	650	SEMI	8-10	8-10
						920	1280	1990	650	SEMI	8-10	8-10
●	●	●	●	●	●	800	1260	1770	400	SEMI	8-10	8-10
						800	1260	1770	400	SEMI	8-10	8-10
●	●	●	●	●	●	1000	3710	2080	1000	FULLY	5-8	8-12
						1000	3710	2080	1000	FULLY	5-8	8-12
●	●	●	●	●	●	1000	4710	2080	1100	FULLY	5-8	8-12
						1000	4710	2080	1100	FULLY	5-8	8-12
●	●	●	●	●	●	1000	2540	2080	750	FULLY	5-8	8-12
						1000	2540	2080	750	FULLY	5-8	8-12
●	●	●	●	●	●	1200	5000	2080	1400	FULLY	5-8	8-12
						1200	5000	2080	1400	FULLY	5-8	8-12
●	●	●	●	●	●	940	2900	2040	1500	FULLY	8-10	12-15
						940	2900	2040	1500	FULLY	8-10	12-15
●	●	●	●	●	●	850	1800	1750	400	FULLY	5-7	5-7
						850	1800	1750	400	FULLY	5-7	5-7
●	●	●	●	●	●	6000	1100	2000	1750	FULLY	8-12	8-12
						6000	1100	2000	1750	FULLY	8-12	8-12
●	●	●	●	●	●	6000	1200	2000	2000	FULLY	8-12	8-12
						6000	1200	2000	2000	FULLY	8-12	8-12
●	●	●	●	●	●	6000	1300	2000	2250	FULLY	8-12	8-12
						6000	1300	2000	2250	FULLY	8-12	8-12

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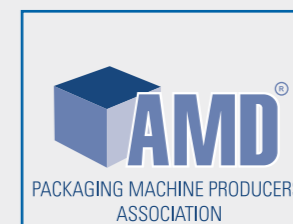
### PACKAGING SOLUTIONS

- READY TO EAT**  
The rising value of modern life; ready to cook and serve food products.
- MEAT AND MEAT PRODUCTS**  
High-quality, hygienic fresh meat and meat products with long shelf life ready for consumption.
- DRIED FOOD - DRIED NUTS**  
Indispensable items of our traditional cuisine; dried food and dried nuts.
- DAIRY PRODUCTS**  
All kinds of milk, cheese, yogurt, ayran, and similar dairy products.
- SKIN PACKAGING**  
The top film that adheres to the product where it finishes allows for preserving the shape, placement, taste, and freshness of the product for a long time.
- FRESH FOOD / SALAD**  
System solutions for washing, cleaning, sorting, and packaging freshly consumed vegetables and fruits.
- SAUCE - PASTE - PUREE - OLIVE**  
Value added helpers in the kitchen; sauces, purees, pastes, and side dishes.
- PASTRY PRODUCTS - DESSERTS**  
Raw/cooked pastry products from grain flours ready for consumption with pre-treatment or additional treatments.
- FROZEN FOOD**  
Pre-cooked or raw frozen food products.
- SLICING**  
Food products consumed as slices.

## PACKAGING TECHNOLOGIES™

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On your side with packaging solutions



**apack**  
 FULL MEMBER OF THE TURKISH PACKAGING MACHINE PRODUCERS ASSOCIATION.  
 MEMBER OF EHDG (EUROPEAN HYGIENIC ENGINEERING AND DESIGN GROUP).



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