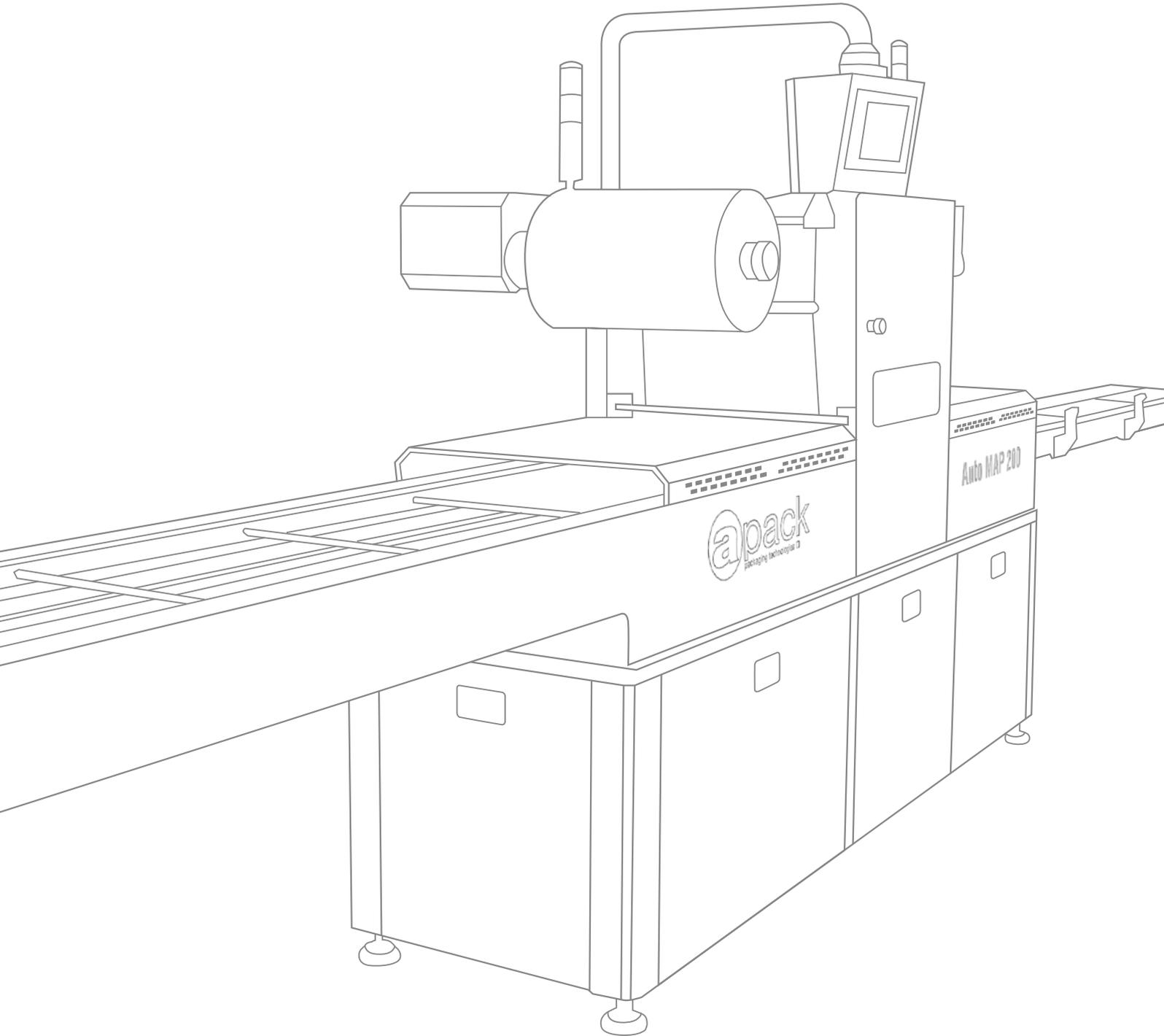


MORE THAN JUST
PACKAGING





Innovative, flexible, professional and comprehensive solutions for your exact needs...



APACK is specialized on food packaging by developing solutions and technologies with packaging machines and providing packaging equipment needs and technical support to the leading domestic and foreign companies worldwide.

We are dedicated to present the most natural form of the food without the use of preservatives while preserving the taste and nutritional quality of the food. Since it's founding in 2005, APACK provides right solutions to client's needs with the longest possible shelf life and minimum cost.

APACK manufactures its packaging machines with their unique designs, down to the smallest parts in its own facilities that complies with the international standards and certification.



Besides manufacturing packaging machinery and turnkey packaging solutions, APACK also offers a variety of rigid packaging products as part of a complete packaging system, which includes a number of portion-size packaging, specialty films and sophisticated rollstock materials for a wide range of applications.

Nonstop Research & Development to make always better...

APACK carries out R&D work regularly by collaborating with scientific research institutions, universities and number of R & D laboratories around the world. So far, more than 800 scientists and technical staff from different countries were involved and implemented the solutions globally.





APACK PACKAGING MACHINES

OVERVIEW

APACK SOLUTIONS

Packaging Machines

- perFORMA Series Fully Automatic Packaging Line (Thermoforming)
- autoMAP Series Fully Automatic Tray Sealer (MAP, CAP)
- MAP25 Series Semiautomatic Tray Sealer (MAP, CAP)
- DOT Series Desktop Manual Tray Sealer
- VC/VCM Series Single or Double Chamber Vacuum Machines

Packaging Technologies

- Tray Sealing
- Modified/ Controlled Atmosphere Packaging (MAP) (CAP)
- Skin Packaging
- Thermoforming
- Vacuum

Flexible Film Materials

- Standard Films
- Barrier Films
- Retort Films and Pouches
- Resealable Bags and Doypack Pouches
- Multilayer Coex Films
- Paper Films
- Films for Pasteurization, Sterilization and Microwave Applications

Value-Added Products

- Convenience Food Products
- On-the-Go Packaging
- Lifestyle Foods
- Long Shelf Life Without Preservatives
- Medical Supply Packaging



User Friendly Solutions

The most important feature of APACK range of packaging machines is that it can be improved according to the demands and needs of the customers. User-friendliness, reliability, maintainability, and safety are at the forefront of APACK's engineering strategy and support our dedication to quality. Every piece of the APACK's equipment is built by own and has under the APACK's worldwide warranty and accessible to 24/7 online technical support.

Here in APACK, being open to new ideas, responding to new trends and market conditions, and making improvements to the products and services that already exists, we are with you for all your food-packaging solutions. All APACK machines are made of world standard AISI304 stainless steel. Also, our high end automatic machines can be controlled with the touch screen and monitored online remotely.



DOT/tableTOP

Desktop Tray Sealers

APACK's proprietary design (utility model registered) DOT series and tableTOP series tray sealers are exact solution for small-size process, retailers, restaurants and shops.

DOT S/SC is an inexpensive, compact, and easy to use and carry around, hygienically designed that can manage to do multiple jobs under a single roof. Both sealing and cutting are completed simultaneously in preformed trays.

DOT series machines are made of stainless steel and cast-iron materials, equipped with digital temperature controller. Suitable for both hot and cold served foods with the appropriate packaging materials. After the thermosealing with SC models, operators do not need to cut the leftover film parts and upon few trials, one can reduce the flaws and get the real results.

APACK's desktop tray sealers comprises of DOT S (SEAL), DOT SC (SEAL&CUT) ve DOT E (EXTENDED), tableTOP S (SEAL), tableTOP SC (SEAL&CUT) and tableTOP E (EXTENDED) offering wide range of solutions.

DOT & tableTOP Technical Specifications	
STANDARD TRAY SIZES	137x187 mm 144x190 mm 180x230 mm
TRAY HEIGHT	10-100mm (single or multi compartments)
DIMENSIONS	280 x515x360 mm
WEIGHT	24 kg
POWER	230V AC, 1kW max.

DOT and tableTOP max. Tool Sizes		Film Width
1.1 tool	200x270 mm	Up to 240 mm
2.1 tool	90x270 mm	240 mm
1.1 tool	max Ø 150 mm	>330 mm

DOT and tableTOP Extended max. Tool Size		Film Width
1.1 tool	265x325 mm	330 mm
2.1 tool	120x325 mm	330 mm
3.1 tool	70x325 mm	330 mm
2.2 tool	120x150 mm	330 mm
1.1 tool	max Ø 180 mm	330 mm

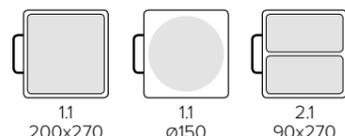
Types of Films	
PE PEEL	Thermosealed to almost all types of trays
CPP PEEL	Thermosealed to PP Trays
OPET HS	Thermosealed to DOT, CPET, PAPER and Aluminum Trays

Tray Types			
monoPET	PET/PE	PS	ALUMINIUM
monoPP	PAPER	cartoMAP	CPET

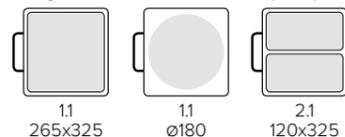


DOT

DOT Standard Tool Layout and Dimensions (mm)



DOT E Standard Tool Layout and Dimensions (mm)



tableTOP



MAP25

Semi-Automatic Tray Sealer



MAP25 is ideal for small or medium-sized food producers. Stainless-steel body with its sturdy design is allowed operators to move around easily without changing the settings. Cleaning and maintenance is very easy and, it fits easily most processing floors with its compact design. Touch-screen controls enables the operators to follow packaging steps and determine the possible error messages on the screen. It can be adjusted for all types of trays and films. Multiple program memory assists operators to switch between the packaging of various products. MAP25 has a versatile quick-change of molds for different tray sizes and gradual vacuum and film sealing allows the removal of gasses inside the package.

MAP25E (Extended)

Extended model is designed to use large size trays. APACK builds this model in various dimensions, on top of that providing the flexibility to change the tray sizes with different plates and holding the larger vacuum pumps for increased production speeds.

MAP25DS (Double Station)

Double Station model is designed to double production capacity. This model is built on the body of the base model that is combined with two drawers.

MAP25 Skin

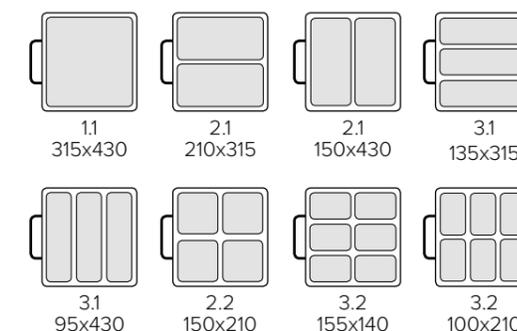
Both the top film and device technology is different. Skin packaging height can be customized from 10mm to 35mm in products placed in trays. Skin packaging process wraps the cover film itself firmly but gently around every contour of the product without distorting its shape inside the food tray.

MAP25X (Custom)

If you have to use single proprietary designed, large and heavy trays for your product, this model is a low cost alternative for your production. When the mold is placed on the product carriers, sliders automatically runs and seats the product in the mold room. When packaging finished, products come out of the mold and slider mold pulls the product out to the conveyor belt.



MAP25 Standard Tool Layout and Dimensions (mm)



MAP25 Technical Specifications	
POWER	400V, 50Hz 3/N/PE 6.0 kW Max
VACUUM PUMP	60m³/h
AIR PRESSURE	6 bar (dry)
PRESSURED AIR CONSUMPTION	7 nl per cycle, 30 nl/min
GAS PRESSURE	2-6 bar
CONTROL PANEL	24 Line PLC
DIMENSIONS (W/L/H)	650/1090/1720 mm
WEIGHT	450 kg
FILM WIDTH	470mm max / 76mm max
CAPACITY	2-6 cycle/min

MAP25 Tray Options	
TRAY OPTIONS	monoPET, monoPP, monoPS, PVC, Paper
HEAT RESISTANCE TRAYS	DOT (Barrier Foam) -40/+200 °C CPET-APET-AMPET-ALU -40/+220 °C Lacquered ALU Convenient for Microwave
Multi Layer	PP/EVOH/PP PET/PE PVC/PE PS/PE PVC/PE/EVOH/PE
Environmental	PLA Recycle

autoMAP 100-200

Fully Automatic MAP Packaging Lines



autoMAP 100-200 and mini series packaging lines will meet all your packaging needs with fully automated systems.

The production lines include stages from feeding the trays, filling the product, weighing, sorting, MAP sealing, labeling, collection, and storage.

Stainless-steel body and hygienically designed conveyor belts and moving parts allow for cleaning and maintenance without any hassle. It also suitable for using single and multiple trays.

Gradual vacuum application permits all gasses to be removed from the package. Liquid foods, sauces, dressings and hot-filled products can be hermetically sealed with ease.



autoMAP 100Mini

autoMAP200E (Extension)

Standard autoMAP 200 structure for large packages, volume and mold measurements have been expanded in which the width is designed according to your packaging needs.



autoMAP 200

Accomplish with excellence by Functional Control System

By means of touch-screen panel, every step of the packaging process can be controlled easily. The automation unit with PLC control circuits, monitors and controls processing line provides immediate alerts on possible faults, misuse, and equipment malfunctions, thus protects the systems. Multiple program memory makes it easy to switch to different package types. All procedures can be adjusted according to various trays and films sizes.

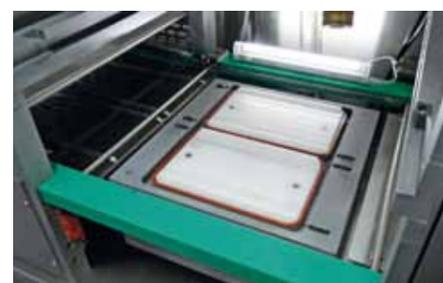
autoMAP 100Mini

With its compact design, fits the most processing spaces while carrying all the feature of autoMAP 100 series. autoMAP 100Mini provides great convenience in terms of both budget and size.

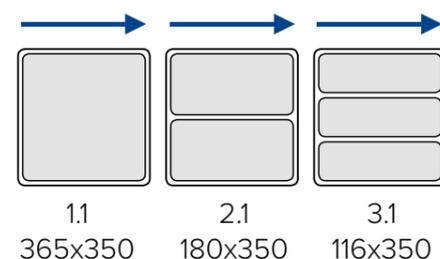
Full automation add-ons such as online-access, fully automatic filling, plate feeding, weighing, labeling etc. can be applied to all autoMAP series.

autoMAP 100E (Extension)

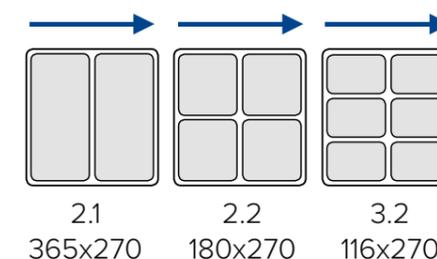
In autoMAP 100E; volume and dimensions of the standard tray mold structure of AutoMap 100 are expanded to accommodate larger packages. Machine dimensions can be customizable based on clients packaging preferences and needs.



autoMAP100 & Mini Standard Tool Layout and Dimensions (mm)



autoMAP200 Standard Tool Layout and Dimensions (mm)

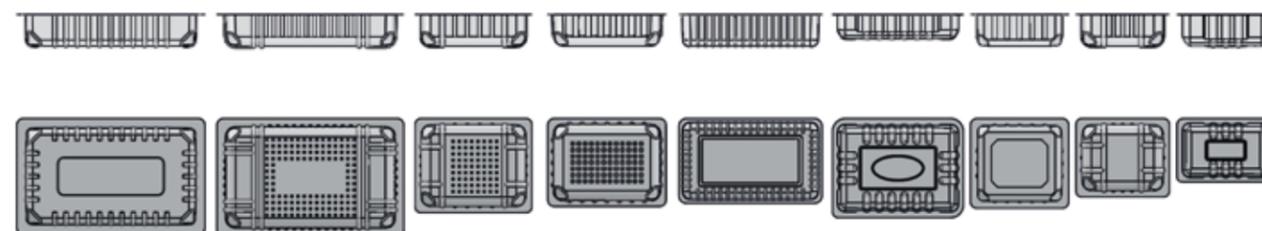
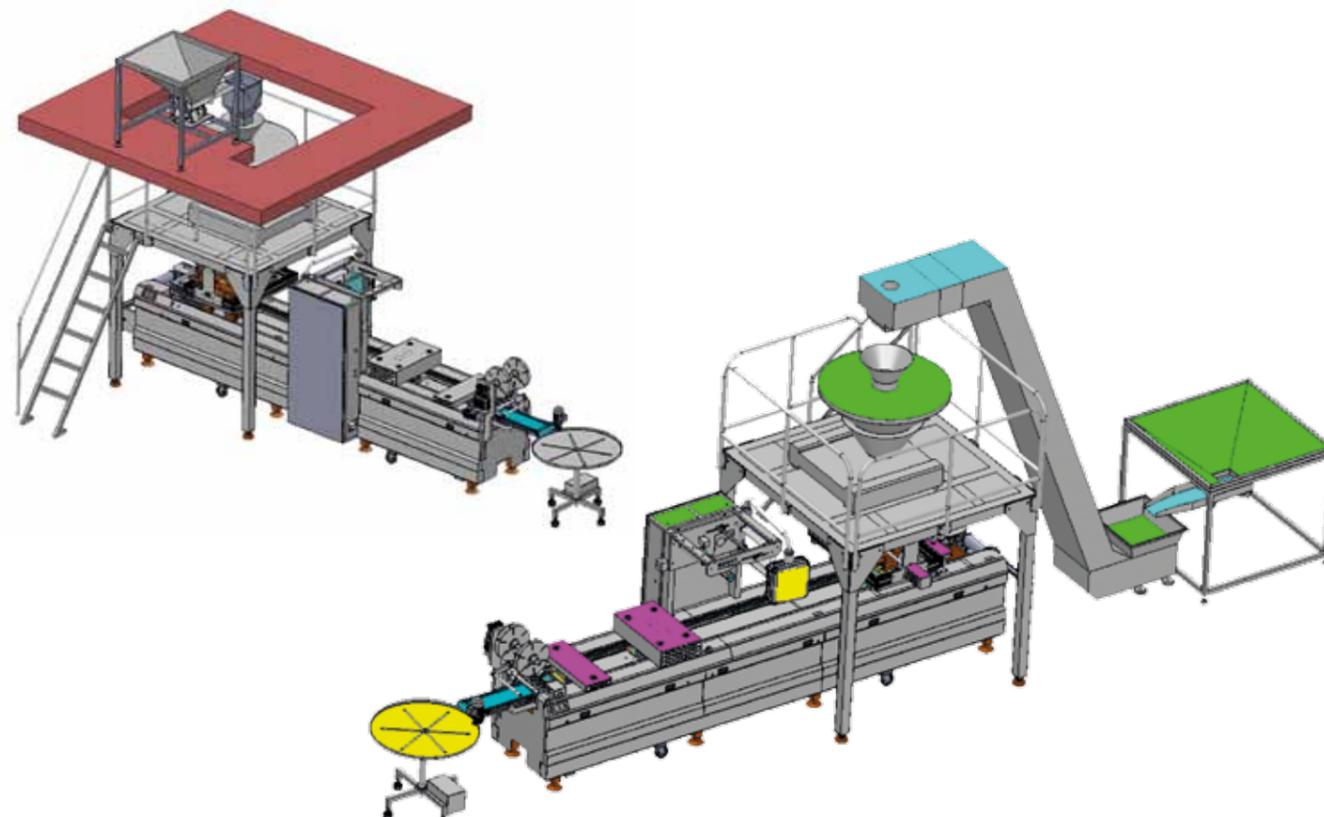


autoMAP 100-200 Technical Specifications	
POWER	400V, 50Hz 3/N/PE, 4-8 kW Max
VACUUM PUMP	100-160m ³ /h
AIR PRESSURE	6 bar (dry) 305nL/min.
PROTECTIVE GAS	2-6 bar
FILM WIDTH	420 mm
ROLLSTOCK DIAMETER	76 mm
CAPACITY	8-14 operations/min
OPTIONS	Liquid and/or dust filter
DIMENSIONS (W/L/H)	900/2800-3675/1663 mm
LOADING SECTION	1.5-3.0 mt
WEIGHT	1200 kg

autoMAP 100Mini	
DIMENSIONS (W/L/H)	985/2100/910 mm
LOADING SECTION	700 mm
WEIGHT	800 kg

perFORMA 320-360-420-460-520-560

Fully automatic Thermoform and MAP Lines



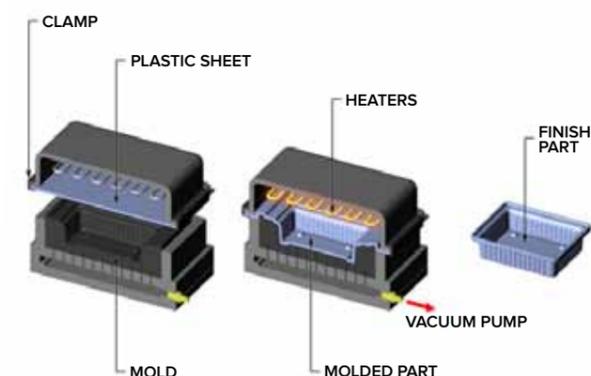
perFORMA series are the fully automatic form, fill and seal packaging lines. Our Thermoforming systems are comprised of tray forming, automatic weighing - dosing of liquid / granule / powder filling, product vibration, film sealing, cutting and labeling sections within a single processing and packaging line. Product collection and sorting are also combined to the system. perFORMA series are able to work with all kinds of the top and bottom webs. Depending on the requested packaging structure, perFORMA series are capable of both MAP and Vacuum packaging applications. Double-acting form or homogeneous piston form units can be fitted to the production line.

perFORMA series can produce economical packages in high volumes using mono / laminated / foam films. Gradual vacuum application permits all gasses to be removed from the package. Liquid foods, sauces, dressings and hot-filled products can be hermetically sealed with ease.

Easy to Operate, Safe, and Simple to Use

Touch-screen panel easily controls every step of the packaging process. The automation unit with the number of PLC control circuits monitors and controls functions of processing line, provides immediate alerts on possible faults, misuse, and equipment malfunctions, thus protects the systems. Multiple program memory makes it easy to switch to different package types. All procedures can be adjusted giving to various trays and films sizes.

All perFORMA thermoforming machines can be easy controlled with the touch screen and monitored online remotely.



perFORMA Technical Specifications	
POWER	400V, 50Hz, 3/N/PE min 4.0 – max 14.0 kW
VACUUM PUMP	60-205m ³ /hour
COMPRESSED AIR	6 Bar Consistent and Dry Air
COMPRESSED AIR CAPACITY	400-600 nl/min
PRESERVATIVE GAS PRESSURE	6 Bar
TOP FILM WIDTH	330/370/430/470/530/570 mm
TOP FILM ROLL INTERNAL DIA.	76 mm
TOP FILM ROLL EXTERNAL DIA.	300 mm
BOTTOM FILM WIDTH	320/360/420/460/520/560 mm.
BOTTOM FILM ROLL INT. DIA.	76 mm
BOTTOM FILM ROLL EXT. DIA.	300 mm
COOLING WATER	60-80 litre/hour
COOLING WATER CAPACITY	6000kCAI/hour
PNEUMATIC SYSTEM	Winmann / Fatek / Masterworks
ELECTRICAL MOTORS	Varvel
CAPACITY	8-14 operations/min
OPTIONAL	Liquid / Dust Filter
CONTROL CIRCUIT	24 VDC
CONTROL PANEL	BEIJER COLOR PLC TOUCHSCREEN
LOADING AREA	2.0-3.0 mt
WIDTH	6000 mm
LENGTH	1800 mm
HEIGHT	1070 mm
WEIGHT	Approx. 1500 Kg

VC 600 Single Chamber Vacuum Machine



AAPACK's VC600 is a single chamber trolley vacuum packaging machine, with its compact design and heavy-duty castors, operator can move the equipment around without changing any machine settings.

VC600 body is made of full stainless steel construction; and the lid is a transparent, impact resistant high quality PMMA material. Quickly changeable insert plates allow for adjusting vacuum chamber height. Control panel helps to adjust the amount of vacuum or gas and vacuum time. Hassle-free vacuuming without damaging the product can be done. Without a drip loss or an air-bubble formation, tighter packaging and better presentation can be easily achieved. VC600 has also a gas injection (or gas flush) option. After the vacuum process completed, prior to the sealing, a preferred gas or gas mixture can be injected inside the bag. Removable sealing bars from the vacuum chamber allows operator clean with ease for optimal hygiene. VC600 is specially designed to be used in small to medium-sized businesses, offers optimal capacity at an attractive price.

VC600 single chamber vacuum packaging machine has many international certificate of conformity.

Gas flushing unit and pressured sealing are machine standard.



VC600 Technical Specifications

POWER	220VAC 1PH, 50Hz. Max. 5kW
VACUUM PUMP	54 m ³ /hour
VACUUM CHAMBER DIMENSIONS	620 x 600 x 170 mm.
SEALING BAR	600 x 5 mm.
CONTROL PANEL	Digital
GAS FLUSHING	(N ₂ ,CO ₂ ,O ₂)
BODY	AISI304 Stainless Steel
WEIGHT	160 Kg.



VCM 750 Double Chamber Vacuum Machine



VCM 750, double chamber vacuum packing machine, floor-standing with rolling casters, is made of stainless steel. Highly durable cast-iron alloy lid, where sealing mechanism mounted, and stainless steel housing and flat working plate shows its sturdy structure. It has standard double sealing bar for packaging several products at the same time on each chamber. VCM 750 has easily removable silicon holders for cleaning working plate. Digital control panel helps to adjust the amount of vacuum or gas and vacuum time. The programming of the machine are easy to run and can be set as default sequence for quicker and continuous operation. Not only hassle-free vacuuming without damaging the product, without a drip loss or an air-bubble formation but also tighter packaging and better presentation can be easily achieved. VCM750 double chamber vacuum packaging machine has number of international certificate of conformity. The low maintenance, hygienic constructions and reliability in operation and low maintenance costs. Gas flushing unit and pressured sealing are machine standard.



VCM750 Technical Specifications

POWER	220 / 380 VAC 3PH, 60Hz. Max. 7kW
VAKUM PUMP	120m ³ /hour
VACUUM CHAMBER DIMENSIONS	780 x 720 x 180mm
SEALING BAR	4 x 750 x 10 mm
CONTROL PANEL	Digital
GAS FLUSHING	(N ₂ ,CO ₂ ,O ₂)
BODY	AISI304 Stainless Steel
WEIGHT	350 kg



APACK is at your side with solutions for all your food products



CONVENIENCE FOODS

The rising value of modern life, cooking practices ready to cook or to consume



FRESH-CUTS FRUITS AND VEGETABLES / FRESH SALADS

Packaging solutions for cleaning and sorting fresh fruits and vegetables



MEAT AND MEAT PRODUCTS

Applications for high quality, extended shelf life case-ready fresh meat and meat products



SEAFOOD

Practices to prepare seafood from both natural and aquafarms for case-ready products



DRY FOODS-SNACKS

The essential part of our traditional cuisine is dry foods and snack packaging applications



CONDIMENTS, SAUCES, PUREES, OLIVES

Packaging solutions for value-added sauces, purees, appetizers, entrees.



DAIRY PRODUCTS

Packaging systems for cheese, yogurt, ayran and similar dairy product



BAKERY PRODUCTS-DESERTS

Ready to eat, pre-treated, or can be consumed by additional processing, grain flour derived from raw or cooked product applications



SKIN PACKAGING

A vacuum packaging concept that protects the product and fits around like a second skin. Extends product shelf life, retains excess liquid and enhance product appearance



SLICED PRODUCTS

Packaging solutions for ready to eat sliced and portioned foods



SOUS-VIDE

Next generation "cook under vacuum" applications



FROZEN FOODS

Applications for frozen pre-cooked or raw foods



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Printed by Mod Ajans Reklamcılık ve Tic.
Ltd. Şti. at 10.03.2017.

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