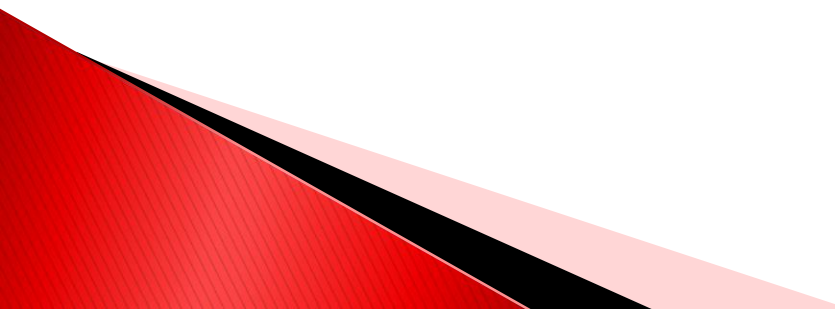


ES **PACK**
Flexible Packaging



Who Are We?

MAKSIVAK Machinery Group was founded in Istanbul in the year of 2012 by working together with 15 years specialized staff in order to produce vacuum, gas, chain and chain type thermoform packaging machines used in packaging of products that Fish, poultry products, chocolate, jam, honey, butter, yoghurt, ayran, cream cheese and so on.

In the beginning of 2015, we focused on the formation of an international dealership in order to offer our global market more effectively, and in a short time we established dealerships in many countries.

So far, Maksivak Machinery group has manufactured and sold packaging and food processing machines under 10 different brands. Changing the marketing conditions and because of the high customs duties, **ESPACK machinery** was founded in beginning of 2019 **as an exporter company**. In order to provide the best quality product and service, our different brands have been brought together under the Espack brand. We wish to add you to the list of Espack family.

Our Mission

To grow and become the main provider of thermoform, vacuum machine by offering a variety of products to the market in order to be used by the food and medical manufacturers to bring a standard to their packaging processes with our global know how.

Our Vision

Our Vision is to become one of the World leaders in Thermoform, Vacuum and Traysealer machine manufacturers,
by offering the same quality service to all its customers,
by regards human resource as the most valuable asset,
by increasing its service quality in its field as a reliable and reputable company.

Why Espack?

- ✓ **Easy Mold Changing**
- ✓ **European parts has been used**
- ✓ **Not any Far East (Chinese) parts under usage**
- ✓ **Specific Design**



**STAINLESS
STEEL**



User Friendly



INTEGRATION



**12
Moon
Warranty**



**HIGH
PRODUCTIVITY**

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

ERGONOMIC AND USER FRIENDLY

Designed ergonomically guaranteeing wide range for the management of the format and mould changes as well as the maintenance.

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 a packaging line.

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.

Industries We Serve

- **FOOD INDUSTRY**

Dairy Products

Meat Products

Bakery Products

Seafood

Nuts

Water Cup

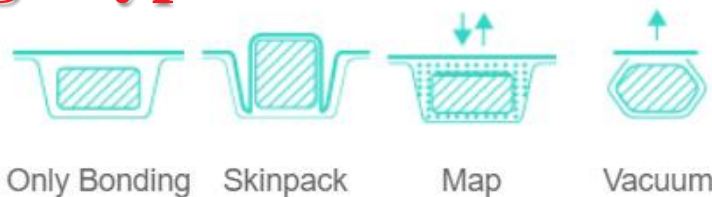


- **MEDICAL INDUSTRY**

Espack Machines

- **THERMOFORM PACKAGING MACHINES**
- **VACUUM MACHINES**
- **TRAYSEALERS**

Package Types



THERMOFORM PACKAGING MACHINES

MVZ-150 FULL AUTOMATIC THERMOFORM PACKAGING MACHINE



MVZ-150 is the youngest and most economical machine from the ESPACK packaging machines family. **Although it is no different to others in terms of what it does, it is mainly used for small capacity applications. This is the ideal machine for concentration on one application rather than a combination of applications.**

Being a machine operated by a single operator, it requires minimal maintenance and works without noise and failure. Thanks to the fact that all its mechanisms, including main chassis and feet, are made of 304 quality stainless steel and metal profiles. It is long lived, even in the most difficult working conditions. Either only vacuum is applied to products packaged by **MVZ-150** or more protective gas are injected in order to obtain optimum shelf life. The best quality materials are used in every stage of its pneumatic lines in order to apply the latest technology.

The MVZ-150 offers you a more comfortable working environment with a servo motor for digital advancement, a state of the art PLC control system which allows for monitoring of parameters and necessary adjustments to be made easily and a touch screen operator panel with protection against external influences.

Technical Specifications

Capacity	6-8 cycles/min
Base Film	(PA+PE)/(PVC+PE)/(PET+PE)
Lid Film	(PA+PE)
Max. Depth	90 mm
Electrical Consumption	11 kW-380V
Compressed Air	6-8 bar -max. 1200 Lt/min
Cooling Water	12-16 °C-6000 Kcal/hour
Machine Dimensions	4000x1600x2000 mm

Application Areas

Cheese Varieties	Dairy Desserts
Olive	Cake
Meat	Pastries And Bread
Chicken	Medical Products
Sea Food	Salami



MVZ-300 FULL AUTOMATIC THERMOFORM PACKAGING MACHINE WITH CHAIN AND VACUUM



Technical Specifications	
Capacity	7-10 cycles/min
Base Film	(PA+PE)/(PVC+PE)/(PET+PE)
Lid Film	(PA+PE)/ALU/(PAPER+PE)
Max. Depth	125 mm
Electrical Consumption	14.5 kW-380V
Compressed Air	6-8 bar –max. 1200 Lt/min
Cooling Water	12-16 °C-6000 Kcal/hour
Machine Dimensions	6000x1800x2000 mm
Max. Weight	2500 kg

Application Areas	
Cheese Varieties	Dairy Desserts
Olive	Cake
Meat	Pastries And Bread
Chicken	Medical Products
Sea Food	Salami

MVZ-300 is a complete packaging line with flexibility to meet various needs, which carries out successive packaging processes and provides products with a long shelf life. Having product compliance and a highly sensitive dosing system, It is an improved packaging system which realizes both small and large scale hygienic packaging.

Preheating plates, forming mold, filling, vacuum unit, gas injection station, sealing station and cutting station are the main units of the machines. Transportation of packaging foil via chain system gives the possibility of using soft material that offers economic and high performance conditions.

Being a machine operated by a single operator, it requires minimal maintenance and works without noise and failure. Thanks to the fact that all its mechanisms, including main chassis and feet, are made of 304 quality stainless steel and metal profiles. It is long lived, even in the most difficult working conditions. Either only vacuum is applied to products packaged by MVZ-300 or more protective gas are injected in order to obtain optimum shelf life. The best quality materials are used in every stage of its pneumatic lines in order to apply the latest technology.

The MVZ-300 offers you a more comfortable working environment with a servo motor for digital advancement, a state of the art PLC control system which allows for monitoring of parameters and necessary adjustments to be made easily and a touch screen operator panel with protection against external influences.



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MVZ-300 MAX FULL AUTOMATIC THERMOFORM PACKAGING MACHINE WITH CHAIN AND VACUUM



Technical Specifications	
Capacity	7-10 cycles/min
Base Film	(PA+PE)/(PVC+PE)/(PET+PE)
Lid Film	(PA+PE)/ALU/(PAPER+PE)
Max. Depth	125 mm
Electrical Consumption	14.5 kW-380V
Compressed Air	6-8 bar -max. 1200 Lt/min
Cooling Water	12-16 °C-6000 Kcal/hour
Machine Dimensions	8000x1800x2000 mm
Max. Weight	3500 kg

Application Areas	
Sausages	Pastries
Salami	Medical Products
Sea Food	Meat

MVZ-300 MAX is a complete packaging line with flexibility to meet various needs, which carries out successive packaging processes and provides products with a long shelf life. Having product compliance and a highly sensitive dosing system, It is an improved packaging system which realizes both small and large scale hygienic packaging. Preheating plates, forming mold, filling, vacuum unit, gas injection station, sealing station and cutting station are the main units of the machines. Transportation of packaging foil via chain system gives the possibility of using soft material that offers economic and high performance conditions. **The MVZ-300 MAX has been designed for the products which need more than one cutting stations and longer feeding station.**

Being a machine operated by a single operator, it requires minimal maintenance and works without noise and failure. Thanks to the fact that all its mechanisms, including main chassis and feet, are made of 304 quality stainless steel and metal profiles. It is long lived, even in the most difficult working conditions. Either only vacuum is applied to products packaged by **MVZ-300 MAX** or more protective gas are injected in order to obtain optimum shelf life. The best quality materials are used in every stage of its pneumatic lines in order to apply the latest technology.

The MVZ-300 MAX offers you a more comfortable working environment with a servo motor for digital advancement, a state of the art PLC control system which allows for monitoring of parameters and necessary adjustments to be made easily and a touch screen operator panel with protection against external influences.



MVT-18/34 FULL AUTOMATIC THERMOFORM PACKAGING MACHINE



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Application Areas		Technical Specifications	
Water	Fruit Juice	Capacity	20-24 cycles/min
Airan	Honey	Base Film	PVC/PET/PS/PP
Jam	Butter	Lid Film	ALU/(ALU+PET)
		Max. Depth	95 mm
		Electrical Consumption	Max. 12 kW-380V
		Compressed Air	6 bar –max. 2000 Lt/min
		Cooling Water	12-16°C-6000 Kcal/hour
		Machine Dimensions	5500x1600x2000 mm
		Max. Weight	2500 kg

MVT-18/34 economic packaging machines are the small giants of the family. They are an indispensable solution for customers looking to package products in small portions and all types of liquids accurately. Owing to the wide range of areas that they cover and their sensitivity to accuracy of filling these machines have become the most sought-after machines of their class.

Being a machine operated by a single operator, it requires minimal maintenance and works without noise and failure. Thanks to the fact that all its mechanisms, including main chassis and feet, are made of 304 quality stainless steel and metal profiles. It is long lived, even in the most difficult working conditions. Either only vacuum is applied to products packaged by MVT-18/34 or more protective gas are injected in order to obtain optimum shelf life. The best quality materials are used in every stage of its pneumatic lines in order to apply the latest technology.

The MVT-18/34 offers you a more comfortable working environment with a servo motor for digital advancement, a state of the art PLC control system which allows for monitoring of parameters and necessary adjustments to be made easily and a touch screen operator panel with protection against external influences.

MVZ-18/57

WATER CUP MACHINE WITH LESS WASTAGE



Technical Specifications

Capacity	10.000 cups/hour
Base Film	PET (min.700-max.950)
Lid Film	12 ALU+12 PET-24 microns
Max. Depth	80 mm
Electrical Consumption	Max. 28 kW-380V
Compressed Air	6-8 bar -max. 4000 Lt/min
Cooling Water	10-16 °C-10000 Kcal/hour
Machine Dimensions	6000x1350x2000 mm
Max. Weight	3500 kg

Application Areas

Water	Fruit Juice
Airan	Ice



MVZ-18/57 built on both AISI 304 stainless steel and aluminium made skeleton, having high mechanical resistance, it is long lived even in most difficult working condition, is an advanced technology packaging machine. Perforated and multiple cutting applications can be carried out in the cutting unit in different ways.

Via our machine's eccentric cutting system, the same amount of plastic cup production can be accomplished with minimized gaps less pitch and foil width. According to the current machines in the industry, it saves % 3.125 from the bottom foil and %5.55 from the top foil.

In other companies, while installing new coil or if there is a problem with foil, it is required to pull foil along the machine to take shape again. This causes waste of time and waste of foil up to the length of the machine. **With the chain system used in our machine**, the shape can be taken immediately by feeding foil to the chain and the production can proceed. In this way you can save time and foil.

The production environment inside its closed cabinets are supported with a hepa filter making this the ideal machine for those who wish to package goods such as dairy products under sterile and hygienic conditions. The quality of air used on the forming unit is made extra sterile by a 3-stage filter. It is possible to fill liquids and products with granules at all levels of viscosity. A special CIP application can be used in the filling unit to maintain cleanliness. In addition, the forming, filling and cutting units are operated by a servo motor.



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VACUUM MACHINES

KV-500 Layer Closure

The plate was developed for a practical solution to sealing packaging machine. Desktop bowl sealing machine to pack food products for sale Can you make it safe and easy. Just compared with stretch film packaging and hygiene products keeps fresh for much longer. Working principle three stages. Reservoir cap by turning all the air is removed with the help of vacuum pump (Vacuum), optional depending on the properties of the product (gas emissions) is performed, and finally with the help of heat the upper foil containers filled with the following items (Fikslenir), and foil sector and the final product emerges.



Technical Specifications	
Dimensions	104x64xh:54 cm
Internal Chamber Dimensions	235x320x95 mm
Weight (max)	100 Kg
Foreign Body	Stainless Steel1304
Operating Voltage	220 V (380 V Optional)
Total Power Consumption	1.5 kW(max) – 7 A (max)
The Pump used	P.V.R. EM 20 IN Italy
Flow Rate	18 m ³ /h
Motor Power	0.55 Kw/0.75 Kw Min/Max (220 V-50 Hz)
Engine Speed	3000 rev/min



KV-600 Closure Plate

The plate was developed for a practical solution to sealing packaging machine. Footed bowl sealing machine model with the packaging and sale of different types of food products to present a safe and easy way possible. Just compared with stretch film packaging and hygiene products keeps fresh for a long time. Footed bowl packaging, Desktop model is compared to the height chrome legs are preferred for some businesses.



Technical Specifications	
Dimensions	104x64xh:104 cm
Internal Chamber Dimensions	235x320x95 mm
Weight (max)	140 Kg
Foreign Body	Stainless Steel304
Operating Voltage	220 V (380 V Optional)
Total Power Consumption	1.5 kW(max) – 7 A (max)
The Pump used	P.V.R. EM 20 IN Italy
Flow Rate	18 m ³ /h
Motor Power	0.55 Kw/0.75 Kw Min/Max (220 V-50 Hz)
Engine Speed	3000 rev/min



KV-620 Layer Closure

Model 620 has the ability to 2 machines, 1 is used as a vacuum forming machine, have, 2 closing bowl gas system have been termokap machine and is provided with four mold. Multi-purpose machine also has the ability to automatically cover. The plate was developed for a practical solution to sealing packaging machine. Footed bowl sealing machine model with the packaging and sale of different types of food products to present a safe and easy way possible. Just compared with stretch film packaging and hygiene products keeps fresh for a long time. Footed bowl packaging, Desktop model is compared to the height chrome legs are preferred for some businesses.



Technical Specifications	
Dimensions	104x64xh:104 cm
Internal Chamber Dimensions	235x320x95 mm
Weight (max)	140 Kg
Foreign Body	Stainless Steel 304
Operating Voltage	220 V (380 V Optional)
Total Power Consumption	1.5 kW(max) – 7 A (max)
The Pump used	P.V.R. EM 20 IN Italy
Flow Rate	18 m3 /h
Motor Power	0.55 Kw/0.75 Kw Min/Max (220 V-50 Hz)
Engine Speed	3000 rev/min



KV-650 Vacuum Machine

Meat, dairy, seafood, and you can make all kinds of vacuum packing of foodstuffs with KV 650. If requested by the addition of a gas unit pastry, a variety of appetizers, nuts and other products package. As a result of food items to give as soon as possible to prevent spoilage and wastage. All are made of stainless chromium steel.



Technical Specifications	
Machine External Dimensions	1620x750x1020 mm
Internal Chamber Dimensions	650X560X150 mm
Resistance Size	2x650 mm
Resistance Range	550 mm
Total Power Consumption	1.5 kW(max) – 7 A (max)
The Vacuum Pump used	105 m3 /h Italian D.V.P.
Electrical Circuit	380 V 50 Hz



TRAYSEALERS

KV-1000 Bowl Vacuum Machine

Having broken grounds in the vacuum packaging sector with its experience, Espack Machine presents its new product, the thermo-container machinery. Sustaining the freshness, the nutrition value and the shelf life of the products are very important for the producing and consuming companies, Full automatic thermo-container machines pack the products via the vacuum-gas-heat system. The Full automatic thermo-container machines designed on the trayler system saves time and labor.

Technical Specifications	
Machine External Dimensions	1000x3700x160 mm
Max. Bowl Dimensions	190x144x80 mm
Max. Roll Width	450 mm
Capacity	120-360 strokes/hour
Electric Power	5 kW -400 V -50Hz -3P+N+PE
Pneumatic Feed	16 NI/ cycle -6 BAR
Pump Motor Power	65 m3



KV-2000 Bowl Vacuum Machine

Having broken grounds in the vacuum packaging sector with its experience, Espack Machine presents its new product, the thermo-container machinery. Sustaining the freshness, the nutrition value and the shelf life of the products are very important for the producing and consuming companies, Full automatic thermo-container machines pack the products via the vacuum-gas-heat system. The Full automatic thermo-container machines designed on the trayler system saves time and labor.

Technical Specifications	
Machine External Dimensions	1150x4340x170 mm
Max. Bowl Dimensions	190x144x80 mm
Max. Roll Width	750 mm
Capacity	180-360 strokes/hour
Electric Power	7 kW -400 V -50Hz -3P+N+PE
Pneumatic Feed	16 NI/ cycle -6 BAR
Pump Motor Power	100 m3



OUR REFERENCES

No	Company Name	Country	Machine Type	Product
1	Remzi Kahil Dairy	Belgium	MVZ-300	White Cheese
2	Khazar Group	Kazakhstan	MVZ-300	Dairy
3	Nouveau	Singapore	MVZ-300 MAX	Ice Cup
4	Emirates Food	Dubai	MVT-18/34	Water Cup
5	SRB Company	Dubai	MVT-18/34	Water Cup
6	Aseel Food	Libya	MVT-18/34	Water Cup
7	Aldana	Dubai	MVT-18/34	Water Cup
8	Alain	Libya	MVT-18/34	Water Cup
9	Alvafi Food	Iraq	MVT-18/34	Water Cup
10	Misyal Water	Oman	MVT-18/34	Water Cup
11	Hilutec Machine	Germany	Mold Manufacturing	Liquid Food

THE BRANDS USED



WE ARE USING SERVO-MOTORS AND DREIVERS WELL KNOWN JAPANESE BRAND OMRON



WE ARE USING GERMAN BRAND BUSH VACUUM MOTORS AND ITALIAN BRAND DVP VACUUM PUMP



WE ARE USING REGINA CHAIN AS GENERALLY EUROPEAN COMPANIES ARE USING



WE ARE USING ITALIAN BRAND SITI AND GERMAN BRAND NORD FOR REDUCER AND MOTORS



WE ARE USING GERMAN BRAND FESTO PNEUMATIC VALVES



WE ARE USING GERMAN BRAND FESTO PNEUMATIC PISTONS



WE ARE USING FRENCH BRANDS TELEMECANIQUE AND SCHNEIDER ELECTRICAL EQUIPMENTS



WE ARE USING PROXY SWITCHES ITALIAN BRAND HTP



WE ARE USING GERMAN BRAND SICK FOR SAFETY SENSORS



WE ARE USING GERMAN BRAND WEIDMULLER TERMINALS



WE ARE USING GERMAN BRAND SICK FOR PHOTOCELLS

ESPACK

Flexible Packaging

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