

ARMIN™

Packaging Solutions

ARMİN PACKAGİNG SOLUTİONS



OUR MISSION

Our principle is to present the highest quality product and service to our customers, with the participation and the efforts of our employees. For the sake of continuous development and the satisfaction of our customers, we supply all our products in high quality and the most economical way with the delivery in the desired time.

We strive with all our efforts to ensure satisfaction and become an indispensable choice for our customers by means of with the products of advanced technology and the most qualified service. Thereafter, we aim to present it to the whole world.

OUR VISION

Our first duty is to set an example as an institution that respects environment and accepts its stakeholders as its most valuable asset, with understanding of constantly creating difference and value beyond expectations.

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FILLIN LABELLING AND CAPPING MACHINE




FULL AUTOMATIC FILLING AND SEALING MACHINES



SEMI-AUTOMATIC FILLING AND CAPPING MACHINES




LABELLING AND SHRINK MACHINES

POMPS





LOBE, DIAPHRAGM AND SCREW PUMP





MONO, CENTRIFUGAL, GEAR HOMOGENIZER PUMP

BOILERS




PROCESS – MIXING TANK




COOKING AND STORAGE TANK




PASTEURIZATION AND FERMENTATION TANK



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FULL-SEMI AUTOMATIC FILLING AND SEALING MACHINE

FULL AUTOMATIC FILLING AND SEALING MACHINES

The packages to be filled are fed to the conveyor by the staff or the starting tray.
The machine vacuums the product to be filled directly from the funnel on it and adjusts its weight.
It fills the packages standing on the conveyor in front of it by means of 2, 4, 6, 8 filling nozzles. After the filling process is finished, the filled package moves forward. Empty packages stop in front of the refill nozzles. The filling process is repeated in this way.







Model	ODM-200	ODM-400	ODM-600	ODM-800
No. of Filling Nozzles	2	4	6	8
	50 ml – 1 lt	50 ml – 1 lt	50 ml – 1 lt	50 ml – 1 lt
Filling Range	1 lt – 5 lt	1 lt – 5 lt	1 lt – 5 lt	1 lt – 5 lt
	5 lt – 20 lt	5 lt – 20 lt	5 lt – 20 lt	5 lt – 20 lt
Electric Spercification	2 H.P. 380 V 3 evre / 50 Hz	2 H.P. 380 V 3 evre / 50 Hz	2 H.P. 380 V 3 evre / 50 Hz	4 H.P. 380 V 3 evre / 50 Hz
Air Pressure	6 – 8 kg/cm2	6 – 8 kg/cm2	6 – 8 kg/cm2	6 – 8 kg/cm2
1 kg Filling Quantity Per Hour	600 – 700	1200 – 1400	1800 – 2100	2400 – 2800

SEMI-AUTOMATIC FILLING AND CAPPING MACHINE

It works with the volumetric system. The piston engulfs and fills ONE BY ONE. According to the packaging size, the packaging filling platform can be easily adjusted up and down during the filling process. Since there are no electronic parts in the machine, it can be easily cleaned with water. Another cleaning method is to put the CIP, Costikacid or Costik into the customer-provided fill tank and circulate the material to complete the cleaning process.



Model	MDM-250	MDM-1000	MDM-5000	MDM-20000
No. of Filling Heads	1	1	1	1
Filling Range	2 ml – 20 ml	100 ml – 1 lt	500 ml – 5 lt	2 lt – 20 lt
Air Pressure	6 – 8 kg/cm2	6 – 8 kg/cm2	6 – 8 kg/cm2	6 – 8 kg/cm2
Air Consumption	1 cfm	1 cfm	1,5 cfm	2 cfm



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SEMI-AUTOMATIC FILLING AND CAPPING MACHINE



The caps to be closed are put on the bottles by the staff. It is closed automatically by the machine. Cap Feeding Unit can be added according to the customer's request. According to the cover, the vibration is fed by the knocker or the elevator. Lid Sealing Machine is completely made of stainless material.
Capping device can be easily adjusted according to the height of bottles of different sizes.
Two different types of energy are needed in the sealing machine:

- ✓ Compressed 6 caballo air
- ✓ 380volt, 50hz electrical energy

LABELLING MACHINE

Model	LA-200
Direction of Movement	Left to Right
Speed	Up to 150 labels per minute depending on product size and label size
Electrical Rating	0,5 HP for conveyour drive
	0,5 HP for pressing unit
	6 V DC stepper motor for sticker roll
Power Characteristics	230 Volts Single Phase AC, 50 Hz
	760 mm to 910 mm adjustable
Overall Dimensions	L : 1835 mm W : 870 mm H : 1450 mm

The labeling machine has a labeling head and a 2500 mm long conveyor (Conveyor height is 900 mm). By means of one adjustment arm, it is possible to adjust the conveyor width of the entire system and to adjust this width
It is possible to read in millimeters from the numerators on the arm adjustment. By means of this feature, when switching from one product type to another, the settings in the numerators are adjusted to the settings determined for that product type. Therefore, waste of time and label is avoided.





SHRINK PACKAGING MACHINE

Shrink packaging machine is used for packaging products of various shapes and sizes. The products packed with the shrink machine are quite durable and light compared to other packaging methods. Therefore, it provides convenience in terms of use and transportation.

- ✓ Automatic shrink machine,
- ✓ Semi-automatic shrink machine,
- ✓ Manual shrink machine,
- ✓ L cut shrink machine,
- ✓ Continuous cutting shrink machine,
- ✓ Overlap shrink machine
- ✓ Shrink heat tunnel





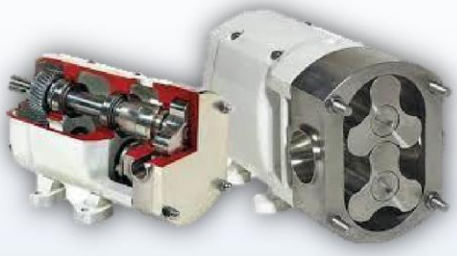
FILLING, LABELLING AND COVERING MACHINES

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POMPS

LOBE PUMP

Lobe pumps are popular in various fields with their hygiene, high efficiency, safety and on-site cleaning features. They are widely used in the fields of food, chemistry, paper, beverage and pharmaceutical industries. In lobe pumps, the contact of the lobes is prevented by the timing drive gears. Since there is no contact between the lobes and they have a larger pumping chamber than other types of pumps, they can transfer solid particles without damaging them.



LOB POMPA MODELLERİ VE KAPASİTELERİ *(MODELS OF LOBE PUMP AND CAPACITY)*

MODEL :	KLP 15	KLP 25	KLP 50	KLP 80	KLP 100
BAĞLANTI ÖLÇÜLERİ : (connection dimensions)	DN 15 / 0.5"	DN 25 / 1"	DN 50 / 2"	DN 80 / 3"	DN 100 / 4"
MAKSİMUM KAPASİTE : (max capacity)	500 lt/sa	2500 lt/sa	6000 lt/sa	25.000 lt/sa	50.000 lt/sa
MAKSİMUM BASINÇ : (max pressure)	3 bar	6 bar	8 bar	12 bar	12 bar
YATAY AKTARIM : (horizontal transfer)	20 m	150 m	200 m	300 m	400 m
DİKEY AKTARIM : (vertical transfer)	2 m	6 m	10 m	25 m	40 m
MOTOR GÜCÜ : (engine power)	0.75 kw	1.5 kw	2.2 kw	5.5 kw	7.5 kw
MAKSİMUM DEVİR : (max cycle)	300 d/dk	750 d/dk	350 d/dk	350 d/dk	300 d/dk
SICAKLIK DEĞERİ : (temperature value)	0-150°C	0-150°C	0-150°C	0-150°C	0-150°C

Bu veriler, pompanın kullanıldığı ürün çeşidine göre değişiklik gösterebilir.
This data may vary depending on the type of product used in the pump



DIAPHRAGM PUMP





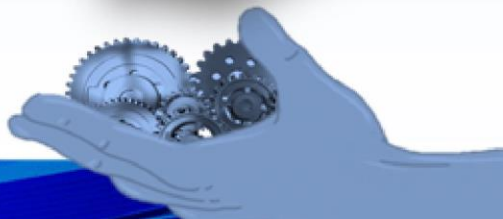
Diaphragm pumps are considered to be the industry's most flexible pumps for the handling of difficult liquids at long time, relatively low pressures and flows, powered by air. The range of applications is almost limitless. It has many sizes and body material options. Virtually any LIQUID can be pumped, from highly corrosive acids to high-viscosity paints and adhesives to food and beverage products.

SCREW PUMP

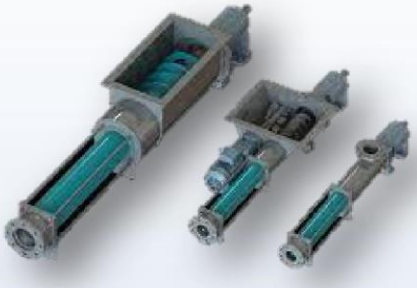
Screw Pump is a positive displacement pump. As the pump rotates, the engagement of the two counter-rotating screws creates volumetric chambers with the pump housing. These chambers are filled with pumped liquid and move axially from the suction side of the pump to the higher pressure discharge side of the pump.







MONO PUMP



Mono pumps belong to the group of rotary positive displacement pumps, also known as progressive cavity. They are self-priming and valveless. Due to their high process obligations and absorption capacity, they can transfer continuously and sensitively with speed control in harsh environments. The distribution principle is based on the rotor, which turns into an oscillating motion within a fixed stator.

CENTRIFUGAL PUMP

Centrifugal pumps are the best solution for the suction and transfer of liquids, thanks to their strong semi-suction capacity (the installation requires air removal) and the ability to work even in the intermittent presence of the liquid in the suction. This pump, made entirely of stainless steel, can be used with a power source such as a battery or a battery. Suitability must be checked for each application and appropriate gaskets must be selected.



GEAR PUMP



Gear pumps are the name given to pumps that transport liquid using rotating females. Female pumps provide liquid transfer and create vacuum pressure with the movement of two or more teeth. Due to their structure, they have the ability to create very high pressure. Female pumps are commonly used in chemical installations to pump high viscosity liquids. They provide a smooth and shock-free flow proportional to the rotational speed of the females. High-viscosity liquids such as plastic, oil, paint, glue or soap can be carried easily.

HOMOGENIZER PUMP



Homogenizer Pumps are integrated in order to disperse/emulsify and homogenize different phases capable of dissolving in each other in a continuous/continuous flow or in circulation through the mixing tank.
In the emulsified region, there are no more than 1 to 3 rotor/stator gear pairs. The rotor, which starts to rotate at high speed thanks to the powerful motor it is connected to; by taking the material into the emulsion circle, it fulfills the function of breaking and tearing quickly. The particles under this effect disperse rapidly, break down until their size is reduced to a minimum level and become emulsified.



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PROCESS TANK

It is produced in desired dimensions in terms of volume.
The parts that come into contact with the liquid are made of stainless steel material. It is insulated with polyurethane or rock wool. As an option, a mixer can be added from the ceiling, from the side and in various forms.
There are models with manhole cover or top opening.
Optionally, mechanical or digital thermometer, pressure transmitter, Ph probes, level sensors etc. instruments can be added.
Usage areas:

- ✓ Milk and milk products,
- ✓ Liquid type of food,
- ✓ Juice
- ✓ Yogurt or ayran
- ✓ Cream,
- ✓ Curd or butter,
- ✓ Pharmaceutical Industry,
- ✓ Pulp, Viscose Products



BOILERS

MIXING TANK



The product feeder is made of stainless steel and is almost limitless in terms of variety. There are two types of product feeding boilers, also known as agitator mixers, as heated and cooled mixers.
Product feeding boilers can successfully mix all kinds of granules that you can think of, such as dense materials, glue, jelly, soap, detergent, chemicals, paint, oil, liquid cosmetics, molasses, tahini, food products such as jam.

LIQUID MIXING TANK



Heating process in cooking boilers is done with steam, burner and electric.
The tank is 3-walled and insulated with rock wool. There is a breakwater inside the tank that prevents the product from being shaken.
The design of the tank is made to remain zero liquid.
In electric tanks, suitable resistance is selected according to the capacity. After the production of the cooking tank, the surfaces are made smooth thanks to the polishing applied to the welded areas.
The mixer shaft is made of solid shaft and is propeller type.

VACUUM COOKING TANK

Jam, marmalade, tomato paste, etc. It is our cooking system used to thicken products with high viscosity such as cooking under vacuum.

We produce up to 500 kg/h and 4 tons/h.



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BOILERS

PASTEURIZATION TANK



The inner and outer surfaces of the tank are completely made of AISI 304 stainless steel. Before the ripening process, the temperature of the milk cream supported by the culture must remain constant, so the Cream Pasteurization and Ripening Tanks are covered with rock wool insulation to minimize heat exchange with the environment.

Cream Pasteurization and Maturation Tanks have a complete stainless steel ladder with an anti-slip design along the side outer wall with capacities of 2000 liters and above.

Tanks have 4 legs and their heights can be adjusted. Although the inlet and outlet connection diameters vary according to the tank capacity, they are produced in an integrated manner with a hygienic stainless valve.

FERMENTATION TANK



The tanks, which are specially designed for food products that require fermentation, are manufactured in a way that allows keeping the temperature values under control during the process. Fermentation tanks, which are mostly produced as cylindrical-conical, are mainly used in the food and chemical industry.

Fermentation tanks can be produced in different capacities, vertically or horizontally, pressurized, vacuumed, unpressurized, cylindrical, oval, nitrogen jack, and are designed to be heated / cooled.

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OUR REFERENCES







































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