

Overwrapping Envelope-Type Packaging Machine OWET 1000



- Combined with its versatility and flexibility, this is the ideal overwrapping envelope-type packaging machine offering innovative and modern packaging solutions to the wide variety of industries including the food, cosmetic, cleaning and other similar industries.
- OWET 1000 over-wrapping envelope-type packaging machine is the machine taking the length of heat-sealable film from a roll, wrapping the sliced, in-train, single or multiple products, folding the film around the product, sealing from the edges and thus making the packaging in the envelope-type form.
- It is possible to make the packaging of the products in the shape of round, foursquare, cylindrical and oval.
- The machine is designed for the packaging of flat products (biscuits, wafer, corn crisps, soap, etc.) in a package with flat side faces in the envelope-type form. This type of packaging allows the companies to place their goods on store shelves as lying down and standing up.
- Overwrapping packaging machine does not only improve product presentation but also preserves freshness and enhances shelf life.
- The main benefits of the machine are excellent appearance of the packages, closed packaging, easy opening with tear tape, protection against heat radiation, ease of operation and low maintenance costs.

Capacity: 15-40 packs/min. (Capacity changes depending on product type, product dimensions and packaging material)

Standard Package Dimensions			
<u>Foursquare Packages</u>		<u>Round Packages</u>	
Width	25 - 150 mm.	Diameter	25 - 110 mm.
Length	80 - 240 mm.	Length	80 - 240 mm.
Height	15 – 110 mm.		
<i>Custom-made, customer-oriented packaging machinery is designed and produced according to any type of your product dimensions.</i>			

- It is used in the packaging of products such as biscuit, wafer, soap and other similar products.
- It makes the packaging of eco-packs such as 5 packs in 1 pack. This machine can also make the packages inside eco-pack.
- Possible to put additional packing material such as cartoon into package to provide additional protection for the product to be packaged. (packs such as Ulker Çokoprens or Ulker Probis.
- There is a feeding conveyor with the length of 3.000 mm. on the overwrapping packaging machine and the feeding conveyor is double-palletized.
- The intervals of the pallet on the feeding conveyor might be adjusted to any product's dimensions.
- The new technology for better definition of the photocell point at the time of packaging on the packaging machine is applied. After each packaging, the photocell cutting point is adjusted again with the help of the sensors and the proper movement is given by the engine specially used for this aim.
- Photocell-controlled means that it is also possible to use printed packaging materials on the machine and the machine realizes the cutting exactly from the photocell points. Thus, it is possible to apply on-pack promotion with the usage of printed film.
- Tear tape (easy open unit) exists on the machine. Tear tape is a narrow adhesive tape used to open packages easily.
- Labeling machine and date printing unit (coding machine) might be installed onto the machine as an optional device depending on the customer's request.
- There is a PLC electronic control system on the machine allowing that every parameters on the machine including heat, temperature, speed, dimensions of the product to be packaged, etc. might be electronically controlled through 7.4 inch touch screen operator panel. With the usage of PLC electronic control system:
 - The desired length of the packaging material is adjusted (in case of servo systems).
 - Photocell adjustments are done.
 - The speed of the machine is monitored and controlled.
 - The temperature of the heaters is monitored and controlled at the desired level.
 - The parameters of the each product to be packaged are recorded to save a product recipe and the product to be packaged is chosen easily based on this product recipe.
 - The number of the products that has been already packaged is monitored.
 - After the requested number of the product packaging is completed, the stoppage of the machine by itself is applicable with the help of PLC system.
- There are no buttons on the machine except emergency stop buttons. Everthing is already restored in PLC control system on the screen.

- The operator menu is prepared in different languages depending on the customer's request. Possible in Arabic, Russian, French, English and in any other languages requested by the customer.
- All electrical or electronically components on the machine are chooses from high-quality well-known world brands such as Telemecanique, Schneider, LG or Siemens.
- There is a pulley system with bearings that provides the excellent flow of the bobbin. For the proper flow of the bobbin, there is a braking system on the pulley where the pressure applied by coil spring to the bobbin is controlled and fixed at a certain level.
- All the surfaces in touch with the product are made from stainless steel and all the other surfaces are painted by high quality auto dry which grade is RAL 801 as silver with the same color of stainless steel.

Technical Information - Overwrapping Packaging Machine	
Control System	PLC Electronic Control System
Operator's Panel	7.4 inch touch-screen colored operator panel
Outer Diameter of Bobbin	300 mm.
Inner Diameter of Bobbin	76 mm.
Width of Bobbin	120 - 350 mm.
Heater Resistances for Sealing	3 x 600 watt
Engine Power	1 unit x 1.1 kw AC Speed Control
Engine Voltage	380 V., 50 hertz
Weight of Machine	1.010 kg.
Dimensions of Machine	1.100 x 1.860 x 4.575 mm.