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Machinery & Automation

▶ **Automatic Flat Pillow  
Packing Line**

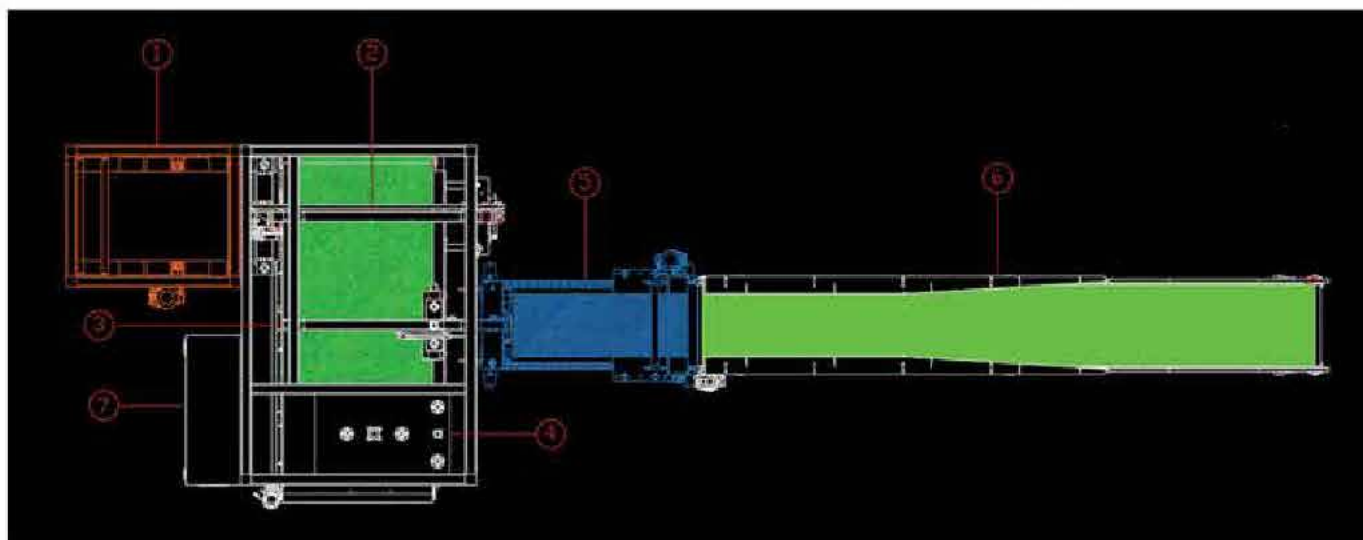


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## Line general specifications:



The image below is an example of the lay-out, the dimensions may vary according to the customer's production area.

### ► Equipment's:

- 1- Plastic Roll Bag
- 2- Package sizing manipulator
- 3- Package opening manipulator
- 4- Pressing and sealing unit
- 5- Compression conveyer
- 6- Input conveyer
- 7- Electrical cabinet



### ► Pillows Dimensions (cm):

35x45, 45x65, 50x70, 51x66, 51x76, 51x91 (May vary according to customer needs)



► **Plastic Bag Width:** 660 mm

► **Cycle Time:** 10 seconds

► **Line Height:** 800 mm

► **Plastic Bag Thickness:** 45 micron



## Line equipment's:



### ► Plastic Roll bag:

The machine is equipped with an unwinder allowing the manipulator to pull the roll according to the necessary size.



### ► Package sizing manipulator:

The manipulator is equipped with a servo-motor witch is allowed to size the package with high precision.





### ► Pressing and sealing unit:

The pillow entering the package comes to the press section with the main conveyor. The product coming to the press is compressed and sealed with a resistance.

### ► Package opener manipulator:

Its purpose is to open the package using the pliers mounted at the end. After opening the package, the compression conveyor can push the pillow.



### ► Compression conveyor:

This equipment takes the pillow from the input conveyor, then it compressed the pillow at same time it brings up to the opened package.



## ■ Technical Specifications:

### ► Mechanics

Motor-Gear: Yılmaz  
Bearings: SKF  
Pneumatic: Festo or SMC



### ► Automation

Electrical Cabinet: EAE  
Servomotor: Delta (Siemens Optional)  
PLC: Delta Automation  
Driver: Delta Automation  
Switchgear: Siemens  
Power Supply: Omron  
Safety Components: Siemens - Leuze  
HMI: Delta 7-inch Touch Panel








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 [info@alfa-mac.com](mailto:info@alfa-mac.com)

 0 (553) 414 78 02

 [alfa-mac.com](http://alfa-mac.com)