

6-nozzle automatic filler and capper



The Automatic 6-Nozzle Filling and Capping Machine with a Speed of 2000 Bottles per Hour is an industrial machine used for filling and capping various plastic, glass, metal, and other bottles. This machine uses a rotary cylinder piston mechanism to fill the desired materials into the bottles at high speed and accuracy and then seals them.

Rotary Cylinder Piston Mechanism:

The rotary cylinder piston mechanism is a fast and accurate mechanism for filling and capping bottles. This mechanism uses a cylinder piston to fill the desired materials into the bottles at high speed and accuracy and then seals them.

In this mechanism, a cylinder piston is located at the center of the machine. This cylinder piston is driven by an electric motor. The desired materials are pumped from the machine's tank into the cylinder piston. Then, the cylinder piston moves and fills the bottles with the materials.

PLC System:

The PLC system, or programmable logic controller, is a control system that uses computer programs to control the machine's operation. In the automatic filling and capping machine, this system is responsible for controlling the filling and capping speed, filling and capping time, and other parameters of the machine.

The PLC system of this machine uses an HMI touch screen with software. This touch screen allows the user to view and control the machine's parameters.

Advantages of the Machine:

This machine has several advantages, including:

- **High speed and accuracy of filling and capping:** This machine can fill and cap various bottles at a speed of 2000 bottles per hour. Also, this machine can fill the materials into the bottles with high accuracy.
- **Reduced production costs:** Increased filling and capping speed and accuracy lead to reduced production costs. By increasing the filling and capping speed, more products can be produced in less time. This reduces the cost of labor, raw materials, and other production costs.
- **Increased productivity:** Increased filling and capping speed leads to increased productivity. This allows the producer to produce more products in less time.
- **Improved packaging quality:** Precise filling of materials into bottles can improve packaging quality. This prevents damage to products during transportation and storage.
- **Increased customer satisfaction:** Improved packaging quality can lead to increased customer satisfaction. This makes customers more likely to prefer the producer's products and buy them again.

Applications of the Machine:

This machine is used for filling and capping various plastic, glass, metal, and other bottles. This machine is used in various industries such as food, beverage, cosmetics, hygiene, pharmaceuticals, and others.

Conclusion:

The Automatic 6-Nozzle Filling and Capping Machine with a Speed of 2000 Bottles per Hour is an industrial machine with multiple advantages that can be used for various applications in different industries.

To learn more about this product, please scan the QR code below.

