

HE-ABCM Automatic Bottle Capping Machine



Heli Engineers is a leading manufacturer and supplier of advanced Automatic Bottle Capping Machines designed for accurate, high-speed, and reliable bottle sealing applications.

These machines are widely used as Automatic Bottle Sealing Machines, Bottle Cap Sealing Machines, and PET Bottle Capping Machines in pharmaceutical, food, beverage, edible oil, lubricant oil, cosmetic, pesticide, chemical, and packaging industries.

The Automatic Bottle Capping Machine is manufactured using premium-quality stainless steel construction and advanced automation technology to ensure smooth operation, precise cap placement, and long service life.

The machine is suitable for PET bottles, plastic bottles, glass bottles, jars, HDPE containers, and various bottle shapes with different cap sizes.

Salient Features

- Suitable for PET, plastic, glass, and HDPE bottles
- High-speed and accurate capping system
- Stainless steel SS304 machine construction
- PLC controlled operation
- Automatic cap feeding system
- Vibratory bowl feeder system
- Precise torque control for leak-proof sealing
- Smooth and continuous bottle movement
- Adjustable conveyor speed control
- No Bottle & No Cap system

- Minimum changeover time
- Low maintenance and energy-efficient design
- User-friendly operation
- Suitable for different bottle and cap sizes
- Rigid vibration-free construction
- Built-in A.C. Variable Frequency Drive system
- Suitable for pharmaceutical, food, cosmetic, beverage, pesticide, and chemical industries

Applications

Suitable for pharmaceutical bottles, edible oil bottles, lubricant oil bottles, cosmetic containers, chemical bottles, beverage bottles, pesticide bottles, PET bottles and industrial packaging applications.

Technical Specifications

Model	HE-ABCM
Bottle Type	PET / Plastic / Glass / HDPE Bottles
Bottle Diameter	20 mm to 100 mm
Bottle Height	50 mm to 300 mm
Cap Type	Screw Cap / ROPP Cap / Plastic Cap
Production Speed	Up to 120 Bottles Per Minute
Electrical Supply	230 / 440 Volts, 50 Hz
Power Consumption	1 HP to 3 HP
Machine Construction	Stainless Steel
Control System	PLC with Touch Screen HMI
Conveyor Height	750 mm B± 50 mm
Drive System	Motorized Conveyor with VFD
Direction of Movement	Left to Right
Net Weight	Approx. 250 BТ“ 500 Kg
Optional Features	Vibratory Bowl Feeder, Online Conveyor Integration, Sensor System