

## *High Speed Servo Horizontal Labeling Machine*



A high-speed servo horizontal labeling machine is an advanced industrial machine used for labeling products or packages horizontally at a high speed. It incorporates servo motor technology, which provides precise control and synchronization for efficient labeling operations. This type of machine is commonly used in industries such as food and beverage, pharmaceuticals, cosmetics, and logistics.

### **Key features of a high-speed servo horizontal labeling machine may include:**

1. Servo-driven system: The machine utilizes servo motors for precise control of labeling speed, positioning, and synchronization, ensuring accurate and consistent label application.
2. High-speed operation: These machines are designed to operate at a rapid pace, allowing for efficient labeling of products or packages in high-volume production environments.
3. Horizontal labeling capability: The machine is specifically designed to apply labels horizontally onto the side or top surface of products or packages, as required by the application.
4. Adjustable labeling parameters: Users can easily adjust label placement, alignment, and other parameters to meet specific labeling requirements for different product sizes and shapes.
5. Label detection and alignment systems: High-speed servo horizontal labeling machines often feature advanced sensors and vision systems to detect product position, orientation, and label presence, ensuring accurate label placement.
6. User-friendly interface: These machines typically come with a user-friendly control panel or interface, allowing operators to easily set up and adjust labeling parameters, monitor machine performance, and troubleshoot issues.
7. Compatibility with various label types: They can handle a wide range of label materials, including paper, film, transparent, or holographic labels, providing versatility for different labeling applications.

8. Robust construction: High-speed servo horizontal labeling machines are built with durable materials to withstand the demands of continuous high-speed operation, ensuring long-term reliability.
9. Integration capabilities: These machines can often be integrated into existing production lines, allowing for seamless integration with other equipment such as conveyors, fillers, and capping machines.
10. Quality control features: Some machines may include inspection systems to verify label accuracy, such as barcode verification, print quality inspection, or label presence/absence detection.

Overall, a high-speed servo horizontal labeling machine offers advanced features and capabilities to streamline the labeling process, improve efficiency, and ensure accurate label application at high speeds in various industries.

## Technical Parameters

Voltage specification	220V 50/60hz
Air pressure supply	5KG
Power consumption	2.5KW
Printer air source	5Kg/cm2
Labeling speed	400 bottles/min (speed adjustable, depending on bottle size and label length)
Labeling accuracy	±0.5mm
Container range	outside diameter 10mm ~ 22mm, height 20mm ~ 120mm
Label specification	height 10mm ~ 90mm length 10mm ~ 80mm
Paper roll diameter	φ 76 mm, outside the paper roll roll: φ 350 mm (maximum)
Label clearance	3mm, label roll clockwise
Weight	N.W, G.W 350 kg/T: 450 kg
External dimensions	2500mm×1650mm×1300mm