

## *MPC-DW Warp Around Labeling Machine*



This series of products are used in the automatic labeling of circular products with positioning features for products of different sizes in the food, beverage, cosmetics, and other industries; the fixed-point positioning mechanism uses the three-point positioning and rotating method of the bottle body, which can achieve 360-degree accurate positioning and labeling Function; it can be operated as a stand-alone machine or it can be perfectly connected with the existing conveyor line. The whole line runs smoothly.

### **Working principle and structural features:**

Put different packaging items into the conveyor belt of the labeling machine, and the conveyor belt drives the bottle into the bottle-separating area, and then passes through the calibration mechanism, and then enters the holding mechanism to bring the bottle into the labeling area. After entering the labeling area, the optical fiber detects the bottle and transmits the photoelectric signal to the PLC. After the PLC processes the output signal, it transmits the output signal to the servo motor, and the servo motor outputs the label. The labeled items are brought into the next process or container by the conveyor belt of the labeling machine.

Technical Parameters

Model	MPC-DW
Voltage	AC110V/220V 50/60HZ
Power	1.5kw
Labeling Speed	30~50 bottles/min (speed adjustable, depending on the size of the object and the length of the label)
Labeling accuracy	±0.5mm (Depends on product characteristics, softness and roundness)
Bottle Height	Height 40mm~300mm (Can be customized according to customer requirements)
Label Specifications	Height 20mm~200mm Lenght 20~200mm (Special specifications can be customized)
Paper Roll Size	Inner diameter Φ76mm outer diameter Φ300 (Max.)
Machine Weight	200KG
Machine Size	2000mm×1000mm×1400mm
Air Pressure	0.6-0.8 Mpa