

YTB Series Automatic Bottle Labeling Machine



There are many types of automatic labeling machines which perform different functions, but they all operate on the same principle, using adhesives to stick paper and metal foil on regular packaging containers. Secondly, we understand the working principle of the automatic labeling machine to provide a convenient solution for the later failure.

1. The products marked by the automatic labeling machine at the beginning of work are sent to the labeling machine at the same speed on the conveyor belt. On the machine, set a certain interval between the boxes and set a fixed setting to move the product in the direction of the conveyor belt.
2. The mechanical system of the automatic labeling machine includes driving wheel, labeling machine and reel. When the drive wheel intermittently pulls the marking tape out of the reel, it is pressed onto the box as it passes through the marking wheel. The reel is controlled by an open loop displacement to maintain the tension of the tag strip. Since the tags are tightly connected to each other on the tag strip, the tag strip must be stopped from time to time.
3. Label is affixed to the product at the same speed as the product moves. When the belt reaches a certain position, the drive wheel of the belt accelerates to a speed matching the belt, labels are applied and decelerates to the middle.
4. There is a logout mark on the tag to ensure that all tags are correctly placed because it has the possibility of slipping. The logout mark is obtained by a sensor and during the belt deceleration phase the drive wheels are repositioned to correct the position errors on the belt.

Automatic labeling machine has a wide range of applications in all industries. In all supermarkets, labels are inappropriate commodities, and labels are the second life of commodities. "Beverage is also a huge market among all kinds of commodities. Beverage labeling machine in China develops very fast. It replaces many imported equipment from abroad with applicable operability and low price. However, if our automatic labeling machine wants to enter the international market, it must work harder on quality and improve international competitiveness."

Parameter:

Machine:	YTB Automatic Labeling Machine.
Bottle size:	Diameter: 20-110mm, height: 30-200mm
Capacity:	1200-6000 bottles/hour / depend on size of label
Label size:	Length of label =10-320mm, height of label = 10-150mm
Label thickness:	0.2-12mm
Outer diameter of label roll:	Dia=320mm
Inner diameter of label roll:	Dia=76mm
Labeling accuracy:	±0.5mm
Label outlet speed:	30M/Min
Air pressure:	0.4-0.6Mpa
Electric voltage:	220V/50Hz/1phase / 12KW
Machine dimension:	2300*750*900mm L*W*H
Net Weight:	650kg