Online Weighing and Printing and Labeling Machine

Online weighing and printing and labeling machine is one of the critical attributes of product packaging and logistics packaging, so weight measurement and review are usually essential operations. Hanyi weighing, printing, and labeling machine integrate automatic conveying and rejecting units, Online Weighing, Printing, Labeling machines, and packaging data background processing software. It is a digital packaging tool for future manufacturing.

Smart labeling head

- Air blowing labeling board, which can blow labels to the labeling surface without contacting;
- Rotating labeling plate is optional, which can be automatically positioned to different labeling angles.
- Label drop detection sensor and labeling pressure sensor are optional.
- Automatically detect and trigger printing and labeling operations.
- Check the accuracy of the content and position of the label before or after labeling each time.

Printing control software

- Printing control software system can configure the labeling process data such as product, bar code, label and location, automatically control and record the operation of the printing labeling machine; edit the bar code label format and data source.
- Real-time communication with upper systems such as SHOPFLOW, MES, ERP or PLM.
- Communicate with upstream and downstream equipment to maintain a stable production rhythm.

Technical Parameters:

	Model name	Specification
Printing performance	Printing mode	Thermal transfer
	Print resolution	200dpi, 300dpi, 600dpi ;
	Printing grade	A\B grade
	Print head	4 inches/6 inches
	Ribbon material	wax base, mixed base, resin base
	Printing speed	12 inches per second
Communication	Communication mode	common interfaces such as serial port, USB and Ethernet
	Communication interface	PLC is RS232, scanner is RS232
	Labeling status	labeling at rest or in motion
	Labeling method	Push arm type or blowing type
	Labeling position	carton side/top surface/bottom surface/corner surface
	Labeling speed	≤3000 cartons/hour
	Power	AC220V±10% 50HZ, 1kw
	Air pressure	0.5-0.6MPA flow rate not less than 90L/min