

# Danrel Co., Limited

## *DR301 Automatic Lateral Labeling Machine for Carton Paper Box*



### **Features:**

- 1) Applied to the box corner labeling on the box side and upper plane labeling, to preventing the box being opened.
- 2) High precise labeling, stepper motor or servo motor drive the label, the label go around the deviation mechanism to prevent the label move from left to right; The eccentric wheel technology is applied in the traction mechanism, traction label does not slip, to ensure that the label is send out Accurately.
- 3) Sturdy and durable, with three lever adjustment mechanism, make full use of the stability of the triangle;
- 4) High stability, PLC( Panasonic ), touchscreen ( Panasonic ), the needle eye( Panasonic ) and label detecting electric-eye(Germany Leuze) composed high-grade electric control system, supporting equipment operate for 7 × 24 hours ;
- 5) Simply adjustment, it has six degrees of freedom can be adjusted, the conversion between the different products become simple and time-saving;
- 6) Flexible application, the labeling machine can be used alone or connect assembly line to realize production, the layout of production field is brief;
- 7) Intelligent control, automatic photoelectric tracking, it has three functions: the labeling machine won't label when there is empty; it will correct when there is no label; it can detect the label. To prevent missing labels and labels wasteful;
- 8) The operating interface of touch-screen, it is Entirely in Chinese notes and perfectly fault prompt functions, various parameters adjustment is fast and simple, easy to operate;
- 9) Powerful functions, with the function of counting products quantity, electricity-saving, point out the production number, parameter setting protection function, it is convenient to product and manage
- 10) Optional features and components: Thermal coding; deliver products automatically; gather the products automatically (consider with products); etc

**Technical Parameters:**

Parameter Name	Specific Parameter Values
Labeling Accuracy	± 1mm (except for products & labels' error)
Labeling Speed	60 to 150 pcs / min (related to products' size)
Applicable Products' Size	Length: 40mm ~ 500mm; Width: 30mm ~ 100mm; Height: 15mm~300mm
Applicable Label's Size	Length: 15mm ~ 200mm; Width(backing paper): 15mm ~ 180mm;
Machine's Size	Approximately 3000mm × 800mm × 1650mm
	(length × width × height);
Power supply	220V/50HZ
Total Weight	Approximately 350Kg
Applicable label's inner diameter	Ø76mm
Applicable label's outer diameter	Ø 320mm
Voltage	220V