

## *FF-F140 Continuous Flat Labeling Machine*



FF-F140 continuous flat labeling machine is applicable for labeling various flat surfaces such as the box, carton and plastic carton. It is desktop type and continuous labeling machine. The continuous flat labeling machine is cheaper than the floor automatic labeling machine but has high efficiency.

The beginning of the working process is that the box is fed to the continuous flat labeling machine at a constant speed on the conveyor belt. The mechanical system of the labeling machine consists of a driving wheel, a labeling wheel, and a reel. The driving wheel intermittently drags the label belt to move. The label belt is pulled out from the reel and passes through the label wheel, which will press the label belt on the box. The open-loop displacement control is adopted on the reel to keep the tension of the label tape. Because the labels are closely connected with each other on the label belt, the label belt must be started and stopped continuously.

The label is attached to the box at the same speed as the case. When the conveyor belt reaches a certain position, the driving wheel of the label belt will accelerate to match the speed of the conveyor belt, and then slow down to stop after the label is attached.

Since the label may slide, it has a registration mark on it to ensure that each label is placed correctly. The registration mark is read by a sensor. During the deceleration phase of the label belt, the driving wheel will adjust the position again to correct any position error on the label belt.

**Technology data sheet:**

<b>Model</b>	<b>FF-F140</b>
Voltage	110V/220V 50HZ/60HZ
Power	1500w
Labeling speed	20-200 pcs/min
Capacity diameter	30mm-120mm
Label length	25-300mm OEM
Label width	20-150mm OEM
Label roll inner diameter	76mm
Maximum outside diameter	270mm
Printer with air	0.5pa
Machine size	1300mm*800mm*800mm
Net weight	200kgs