

Automatic Rotary Ampoule Sticker Labeling Machine DMPL-RBL



The rotary ampoule sticker labeling machine comprises of a servo based controlled motor drive with a high level resolution label and container sensing system. It is available with optional printing and coding device for coding of batch no, Lot No, manufacturing date, expiry date etc. It constitutes main structure, product transmission belt with adjustable guide, in - feed screw, rotary star plate, label dispensing unit, electrical panel, sensors, motors, PLC and HMI.

Process of operation

The rotary ampoule labeler comprises of containers that are received from feed worm to star wheel that is spaced accurately and arrives at the label wrap. During the incoming at labeling point, container starts with servo motor after the press of belt wrap. Furthermore, it is the label sensor photocell that detects space between the two labels and holds them until next container comes inside.

Characteristic Features:

- The ampoule self adhesive sticker labeling machine comprises of a container tray loading and tray collection system.
- Incorporates synchronized speed of label dispensing, conveyor and pressing device.
- Appropriate for on-line ink jet coding system and partial, full wrap around and overlap system.
- Holds high production speed nearly to 250 containers per minute.
- Comprises of in-built speed indicator and counter.
- User friendly label placing adjustments
- Toughened glass doors cabinet coated with stainless steel all over.
- Varied outputs available from 200/250/300/400 per minute.
- A cGMP based rotary ampoule model for less space requirements.
- Accurate label placement with no object- no label system.
- Flexible change over and cleaning and maintenance.

- High amount of output surrounding nearly 150 ampoules per minute.
- Both full and partial labeling available.
- Appropriate for round products like vial, bottle jar etc.

Technical features

Here are the technical specifications for the product:

MODEL	DMPL-RBL
Product Samples	Round Bottles
ProductSize (Ø)	15mm Ø to 90mm Ø
Label Size	Min: 65 mm H x 140 mm Max: 150 mm H x 260 mm L
Output Speed	Up to 300 Bottles/Minute
	(Speed depends on label and products size)
Conveyor Width	100 mm
Working Height	850+ 50mm Adjustable
Power Supply	Three Phase / 440V AC / 50Hz
Air Supply	N.A.
Net Weight	450kgs Approx.
Dimensions	2745 mm(L) x 920 mm(W) x 850 + 50mm (H)