Horizon

RD-3346

Rotary Die-cut System

Compact and Efficient

Rotary Die-cut System

Features

1. **Rotary Die-cut System (Max. 330.2 x 550 mm / 13" x 21.65")** - Rotary Die Cutter designed to meet the growing demand for short run product.

2. **Various applications** - Suitable for small applications such as business cards and product tags. Flexible substrates can be run through for die cutting and kiss cutting for sheet thicknesses up to 0.35 mm / 0.013".

3. **Save the cost of die making** - Uniquely designed servo motor controlled "Repeat Register" feature allows multiple-up applications from single-up die to minimize die cost.

Reduce die cost with the repeat register function!
Compact, efficient rotary die-cut system.

Receiving Tray

Separator

Rotary Die Cutter

Operation Console

The sheet size and die cutting position can be set through the intuitive touch screen. The graphical illustrations on the screen are simple and easy to understand. The error description will be displayed on the touch panel for quick error recovery.

Feeding and registration

Vacuum belt feeding enables superior feeding with easy set up and operation. Sheets are firmly registered by the vacuum belt for accurate and consistent quality.

Die Cutting Section

Servo motor driven gripper rollers ensure the die cut position and also enables repeat register function to minimize die cost and imposition flexibility. Maximum production speed is 5,000 cycles per hour and up to 0.35 mm / 0.013" thickness substrate can be run through.
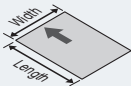
Separator

The separator removes the waste from the finished product and delivers it into the waste bin. Only finished products is delivered on the delivery tray.

Delivery Section

Uniquely designed delivery catch tray neatly stacks finished product. Multiple up applications such as business cards can be stacked.

RD-3346 Specifications

Sheet Feeding System	Vacuum Belt Feed	
Sheet Size (Before processing)	Max. 330.2 x 550 mm / 13" x 21.65" Min. 170 × 275 mm / 6.69" x 10.83"	
Cut Product Size *The size may be limited depending on shape and sheet weight range. Width x Length	With separator	Max. 306 x 440 mm / 12.04" x 17.32"
		Min. 40 x 60 mm / 1.58" x 2.37"
	Without separator (with nicks)	Max. 314 x 440 mm / 12.36" x 17.32"
		Min. Depending on die shape
Processed Material	Normal paper, Coated paper, Cardboard	
Material Thickness	127.9 to 320 gsm Max. 0.35 mm / 0.013"	
Feeder Stack Heigh	150 mm / 5.90"	

Die Size (Upper Die)	Max. 330 x 460 mm / 12.99" x 18.11" Min. 160 x 70 mm / 6.30" x 2.76"
Upper Cutting Blade Height	0.6 mm / 0.0236"
Production Speed	5,000 rotations per hour (If the sheet length is longer than 400 mm / 15.75", the production speed is automatically adjusted to half.)
Voltage/Frequency	Single Phase 200 to 240 V, 50 / 60 Hz
Machine Dimensions	With Separator W2,739 x D695 x H1,105 mm / 107.9" x 27.4" x 43.5
	Without Separator W2,150 x D695 x H1,105 mm / 84.7" x 27.4" x 43.5
Recommended Compressor	Rated Output of Prime Mover (Reference): 0.75 kW Maximum Operating Pressure: 0.8 MPa Minimum Required Pressure: 0.6 MPa or more Minimum Discharge: 85 Liters per minute Type: Oil-free Type

*The machine design and specifications are subject to change without any notice.