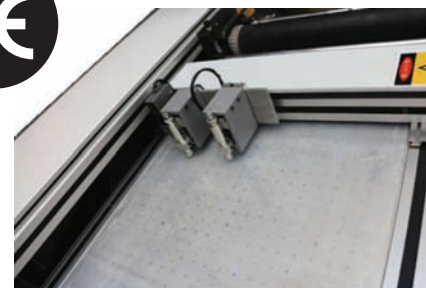


DUOBLADE DB-320

13" DIGITAL DUAL-BLADE FINISHER

DB-320 Digital Dual-blade Finisher

The most economic high-speed digital label finishing machine in full advanced options including laminating and slitting



... Unique UNI-DIRECTION fed dual-blade die cutting system

20 minutes to learn how to operate
10 minutes to load media
5 minutes to calibrate the position

Most of other knife cutting systems fail to keep accurate registration during shuttling the substrate forward and backward repeatedly. DB-320 keeps media transportation in uni-direction forward through the entire process to keep precise registration in stable way. Dual head of knife cutter accelerates production speed and it contains full options of laminating, matrix removal, slitting, trimming and separate rewinding at surprisingly unbeatable economic price.

1. ECONOMIC

DB-320 is 2 times more economic than other similar systems supporting 13" roll label media with full features of lamination and slitting. Easy operation with intuitive GUI saves time and manpower.

2. PRODUCTIVE

VD-320 is a productive model supporting label size of max. 320mm x 440mm at max. speed of 5m/m. Dual blades accelerate the process with supporting big rolls in max. 45cm of diameter.

3. QUALITY

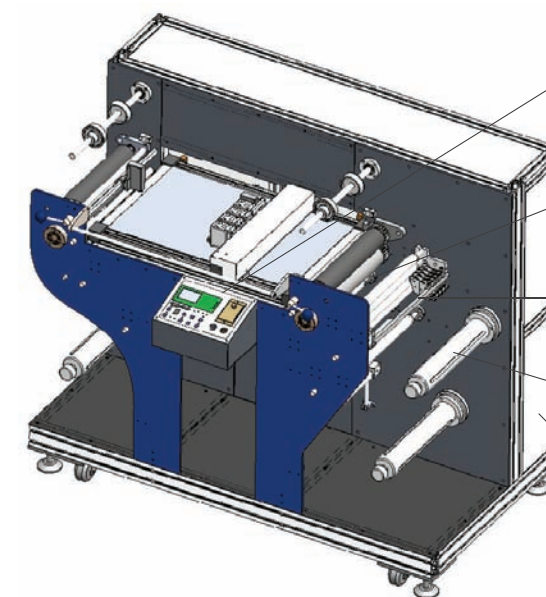
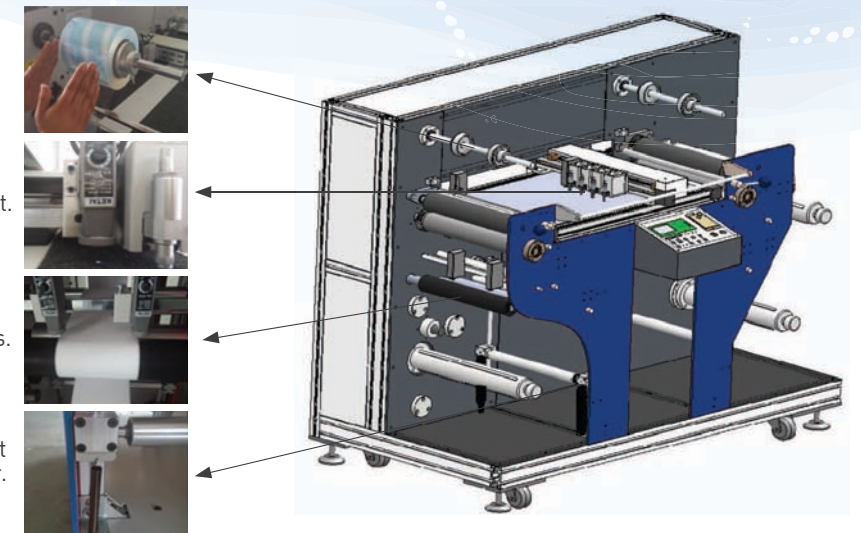
Totally 4 sensors are maintaining accurate registration. Advanced automatic edge adjustment system in the feeder keeps straight feeding without error along the whole process. Suction pad makes the substrate flat during die-cutting. Double-mark sensing makes registration error as small as 0.1mm.

4. ALL INCLUSIVE

DB-320 includes most of options as default, like Laminating system with tension break, Slitting system with 4 blades, 2 units die-cutter, 2 main rewinders, Waste removing system with sponge roller and new removing plate, 15pcs of spare knives, Safety protection guards for slitting system and nip rollers, Cutting software, Separate switches for blower and matrix removing system, Vacuum system with blower and etc.

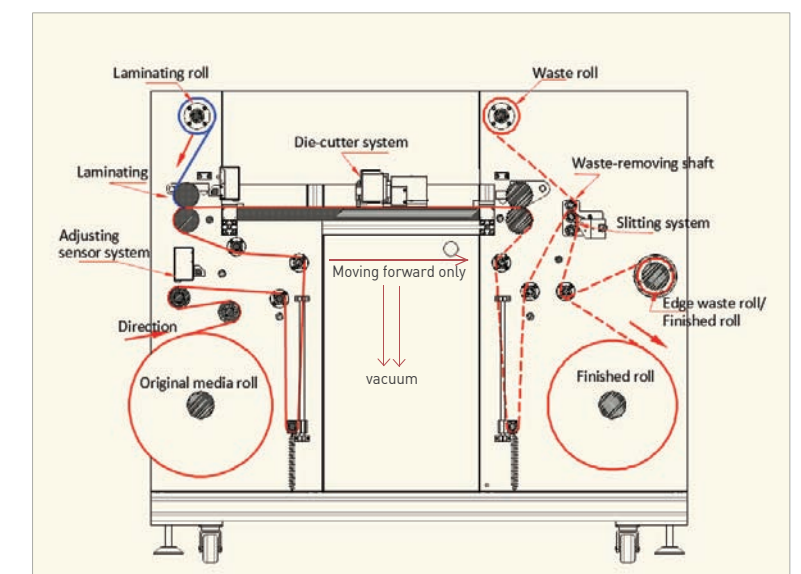
- Any designs (from photoshop, coreldraw, illustrator and etc.) saved in PLT format are compatible.
- Software is included. It supports various useful tools like starting point change, line extension and etc.
- Control panel provides full control functions -test cut, X-Y calibration, angle calibration, zooming and etc.

- **Laminating roller**
Laminating roller can hold unsupported laminating film only.
- **Mark sensor and cutter**
Sensor detects exact center of 1 or 2 marks for precise registration of die-cut.
- **Automatic edge adjustment**
3 rollers in feeding system moves left and right automatically by edge sensors.
- **Dancing arms for tension**
2 dancing arms are controlling constant tension for each of feeder and rewinder.



- **Control Panel**
Easy & Intuitive Interface with allowing access to every function and parameter required
- **Matrix Removal**
Special sponge roller separates the matrix which is rewound on top.
- **Slitting Blades**
Up to 15 units of slitting blades can be installed in 1cm gap with easy control of depth. Selective slitting (between bars or contacting the bar)
- **Expandable roller**
Mechanical expandable roller can hold the roll rigidly in feeder and rewinder.
- **Tension Break**
Tension is controllable for all rollers (feeder, 2 rewinders, laminating roller, matrix removal)

SPECIFICATION	DB-320
Max. roll width	340mm
Die-cutting width	40mm~320mm
Die-cutting length	10mm~440mm
Slitting width	10mm~310mm
Max. roll diameter	450mm
Max. cutting speed	5meters / min
Max. slitting speed	30meters / min
Cutting knife heads	2units
Slitting blades	4units (max.15units)
Physical Size	Width 900mm
	Length 1,580mm
	Height 1,360mm
Weight	420Kg
Input Power	100-240VAC, 1000W
Cutting precision	0.1mm
Slitting precision	0.2mm



... Operating software and air blower is included.
... Air compressor needs to be locally prepared.