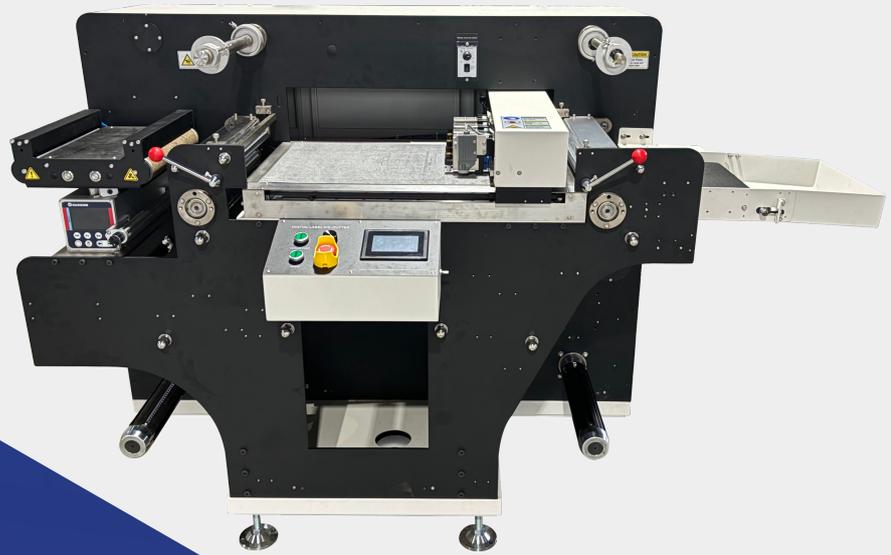


VICUT



ROTARY & FLATBED DIGITAL DIE CUTTING MACHINE

VR320F

All in one RTP & RTR solution
(roll to roll & roll to pieces)
Flatbed & Rotary combination
Full cut & Kiss Cut

APPLICATION

Applicable Industry

VR320F flatbed & roll to roll label finisher is mainly used in producing wide range of stickers which can be used for signs, labels, etc.

Applicable Materials

Stickers, Paper, PP, BOPP, PET, PVC & More!

PRODUCT PROFILE

The VICUT VR320F digital die cutter, updated from VICUT roll to roll label cutter VR320X, is the most affordable digital sticker cutting system for small and medium production. It is a collection of web guide, laminating, die-cutting, automatic waste removal system, best solution for roll-to-pieces digital finishing. No cutting dies required, fast and precise, fully satisfy on-demand sticker cutting. Also can be used for regular roll to roll label kiss cutting system.



APPLICATION & SAMPLES



Combination of flatbed and roll to roll mode.



Roll to roll kiss cutting labels & full cut roll into pieces.



Automatic changing the cutting heads according to designs.



Web guide system to ensure accurate paper feeding.



Cold lamination for extended labels durability.



Automatic conveyor system for matrix removal.

TECHNICAL PARAMETERS

MODEL	Digital Die Cutter VR320F
Maxi. roll diameter	450mm
Cutting media width	150--340mm
Max.contour cutting width	330mm
Max. contour cutting length	400mm(segmentation cut to 1.2m for kiss cutting)
Mini. cutting length	10mm
Max. die cutting speed	6m per minute (depends on label shape and size)
No. of die cutting heads	standard 4 heads
Cutting type	full cutting, kiss cutting
File format	DXF, PLT
Die cutting blades	tungsten steel blades
Die cutting precision	0.1mm (duplicate)
Die cutting mark registration	electric eye (CCD camera is optional)
Matrix removal	automatic conveyor system
Roll Rewinder	1 pcs
Slitting device for roll	optional
Data transfer method	PC transfer via USB, U-disk
Working voltage	110-240VAC, 2000W
Machine dimension	1920*1100*1360mm
Weight(N.W/G.W)	Machine: 580kgs/670kgs Vacuum pump: 14kgs/16kgs
Packing size	Machine: 170*115*157cm Vacuum pump: 450*450*500mm
Optional function	Linear system Crack and Peel Assy

DETAILS DESCRIPTION



Multiple die cutting heads, automatic adjustment distance

VR320F works with multiple die cutting heads, standard 4 heads work at the same time, highly increase working efficiency.



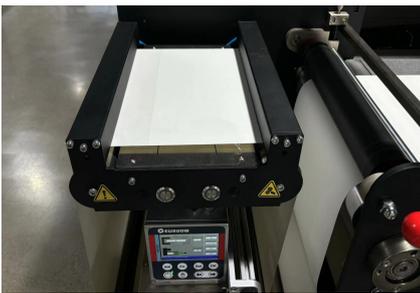
User friendly operation panel

The main operation buttons are integrated into the same panel for easy operation. Touch screen interface, sensitive response, easy to set machine parameters.



Digital cutting positioning sensor

The positioning sensor scans the marked points printed on the material to obtain the cutting dies information and feed it back to the machine control system, so as to realize the digital cutting.



Automatic web guide system

Adopting advanced ultrasonic correction system to ensure smooth paper feeding without deviation, laying the foundation for precise cutting in the next step. Web guide platform also can be used for splicing media.



Vacuum suction cutting table

Vacuum inhaling cutting platform, the adsorption function starts along with die cutting, and automatically loosening valves after cutting finishes, to ensure cutting accuracy and smooth paper feeding.



Cold lamination

Automatic lamination before die cutting, makes finishing labels more durable and more widely application.



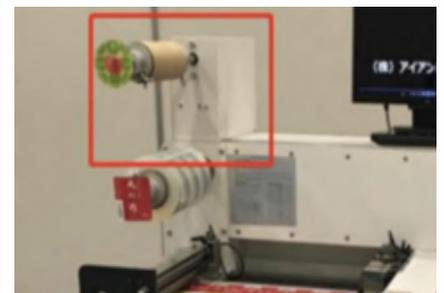
Automatic conveyor waste removal

With automatic conveyor system, the cutting waste paper will be automatically removed so as to obtain a clean label pieces for the next process.



Easy-to-use software

Dedicated software support PLT & DXF format file, it can choose the suitable blades and adjust the blades distance automatically according to different designs, no need manual adjustment.



Linear system (optional)

In some areas, there is backing paper on the cold laminating film, which can be removed before laminating by optional linear system.

ACCESSORIES & TOOLS



Vacuum pump

Vortex type air pump, power: 550W, speed: 2800r / min, with muffler and pressure change valve, connects to the cutting platform,fix the material on the cutting platform during the cutting process.



Blade holder

Precision blade holder, built-in bearing design, cooperate with machine blade compensation function, make cutting more smooth. Easy to install the blade and adjust the distance between the blade tips.



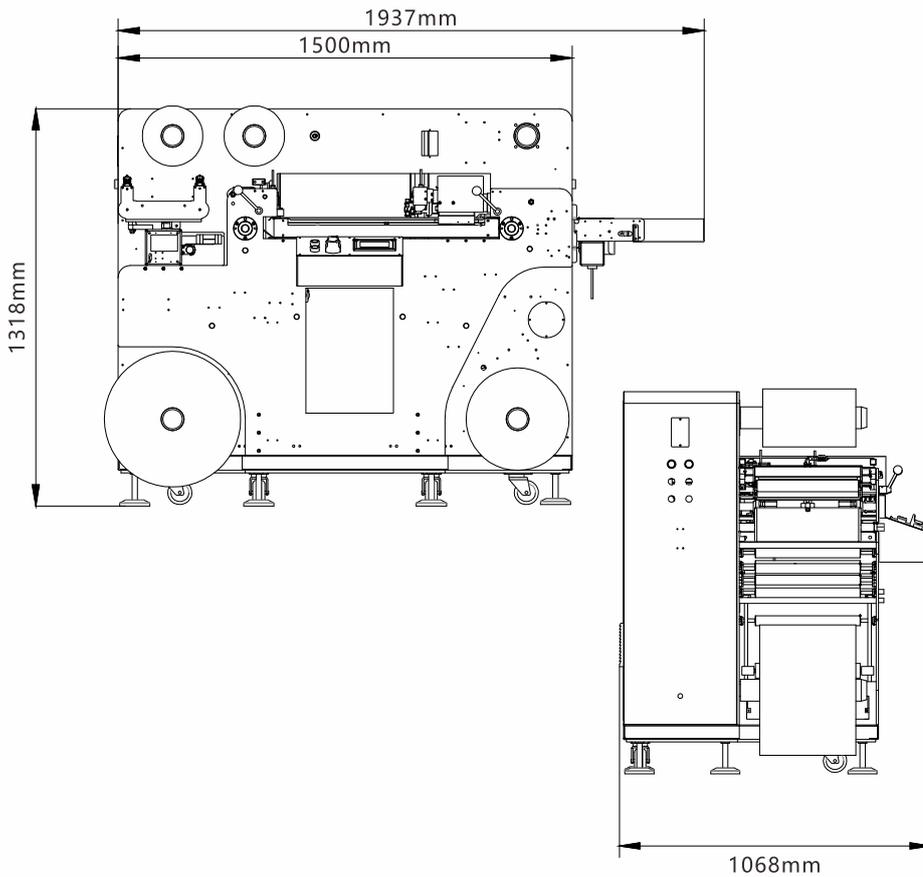
Die Cutting Blades

Special 45 degree die cutting blade, suitable for cutting 0.25 mm thick adhesive label materials such as sticker, coated paper, synthetic paper, PP,PET, etc.



Air compressor(Optional)

Used for the shaft tension automatically. Connect the 8mm tube of compressor to the machine.



PACKING PHOTOS



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