

VICUT



DIGITAL LAMINATING & FOILING MACHINE

VL-540X

Hot Lamination, Cold Lamination, Metallic Foiling.

APPLICATION

Application Field

Equipped with laminating and foiling devices, adding metallic, laminating and holographic effects to digital prints, with compact and environmentally-friendly design, VL-540X is designed to offer an in-house decorative effects solution for short-run, on demand digital applications, as well as lamination for traditional lithographic offset output too!

PRODUCT PROFILE

VICUT multifunctional digital lamination system VL-540X, feeding paper by automatic air suction, the automatic lifting and feeding platform can accommodate media sheets with a height of 50cm, equals to 56000 sheets of copy paper (60gsm). The self-developed software design has a more user-friendly operation interface, automatic identification of paper length without setting, which improves the working efficiency of the whole machine, also guarantee the accuracy of lap and pull-off, so that the whole system runs more stably, and the productivity is greatly improved.

MAIN FEATURES



Fully automatic

Automatic paper feeding and blowing to remove static electricity; Automatic segmentation and pull-off, no need to set the paper length, no need calculation for making a bridge between each paper.



Multifunctional applications

VL-540X can be used as a traditional laminating machine, a professional foiling machine, or a cold laminating machine, and has a waste discharge function for the cold laminating base paper. The entire processing process is fully automated without the need for manual intervention.



Anti-curl technology

Our unique anti-curl technology, with a control button, ensures that whatever you laminate-- a menu, a book cover or a sheet of business cards-- comes out flat with no curl or uplift.



No need compressed air

Manually control the tension of the shaft, no need for additional compressed air, making operation more convenient and less limited by working environment.



Smooth paper feeding

The paper feeding is smooth and the problem of electrostatic adhesion is solved.



Automatic Hydraulic pressure control

More pressure available, makes laminating quality perfect for any jobs.



User-friendly machine design

The hollow design of the machine base allows for convenient placement of sheets, films, and tools. Universal wheels at the bottom, it is easy to move the machine, very friendly for printing shops who have limit space.



Safer heating method

Using electric heating tubes for heating is safer than traditional oil pressure heating and avoids the risk of explosion.



Film slitting function

Equipped with film slitting knife, the film width can be adjusted according to customer demand.



Fingertip Control

Easy navigation touch screen, easy to understand operation.

Suitable laminating films for VL-540X



Cold lamination films

Various finishes including: gloss, matt and soft touch, for litho and digital print. Digital laminates are corona-treated for subsequent over-printing.



Foil flaring films

Available in a growing range of colors including: gold, silver, rose gold, copper, red, green, blue, violet, black, white and clear gloss. All can be applied direct to print.



Holographic flaring films

such as: sparkle, milky way, crystal, carbon fibre... Perfect for adding premium effects to print.

OUR FACTORY

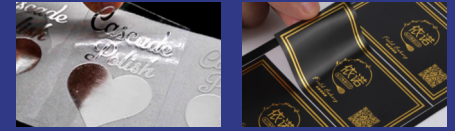


TECHNICAL PARAMETERS

Model	Laminating and Foiling Machine VL-540X
Min. Paper sheets	297*210mm
Max. Paper sheets	540*800mm Optional: length could add to 1200mm
Working mode	single-sided hot film, cold film, foiling.
Heating method	electric tube heating
Warm-up time	5-10 minutes
Foiling speed	1m/min--10m/min
Coating temperature	20---120°C
Paper thickness	125gsm--400gsm
Pressure Drum diameter	176mm
Film Core diameter	3in
Film diameter	280mm
Max film width	540mm
Display control	Resistive LCD touch screen panel
Control mode	electronic temperature control
Pressure mode	hydraulic control
Paper feeding mode	Automatic suction paper feeding
Paper collecting	adjustable paper collecting tray
Automatic pull-off	electric CAM control
Perforation	yes
Anti-curl technology	yes
Breaking function	Automatic breaking
Electric power	3400W
Working Voltage	220-240V/50-60HZ
Humidity	20%-80%
Net weight	470kgs
Gross weight	Package: 606kgs
Machine floor size	2000*900*1800mm
Packing size	Package: 2150*1000*1550mm

WORKING SAMPLES

Stickers



Business cards



DIY Invitation cards



DIY Packaging boxes



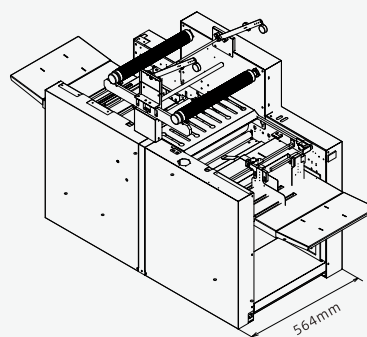
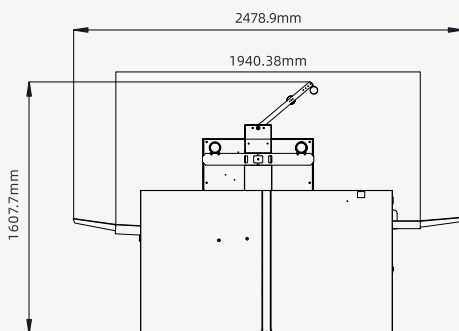
Product brochures



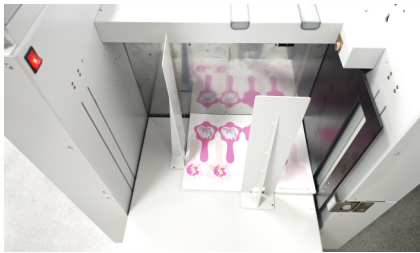
Menu



PRODUCT SIZE & PACKAGE

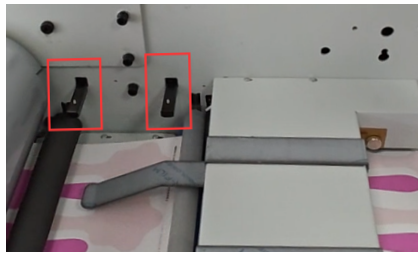


DETAILS DESCRIPTION



Automatic paper feeding system

The control system accurately controls the lifting of the paper platform, automatically feeding paper. Stacking up to 50cm, equals to improves productivity and liberates labor.



Intelligent sensor

The intelligent sensor uses the system's own calculation and detection to automatically adjust the edge and pull-off position, satisfy customers with different paper laminating at the same time.



Automatic Hydraulic pressure control

SuperCharge and Stress Relief button save the manual handling time. Unique pressure control ensures that your rollers apply perfect pressure, providing you with consistent and perfect surface treatment in any job.



Easy-to-use touch panel

User-friendly control panel provides instant digital control, including speed and temperature for laminates and foiling, the sheets counting numbers also can be seen on the panel.



Anti-double-sheet adjustment system

By selecting the paper weight, the machine automatically adjusts the paper feeding height to ensure that one sheet is fed at a time.



Anti-curl button

During the laminating process, it is very simple to adjust the curl of the paper.



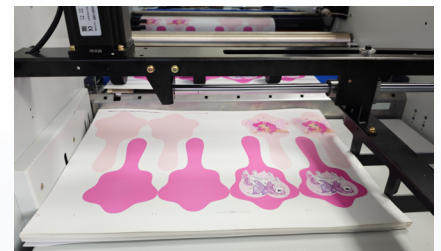
Safety protection

The heating roller area is equipped with a safety protection cover. If the protection cover is opened, the machine will report an error and stop working, which can protect the operator during machine operation.



Unwinding roller shaft

The feeding shaft is manually tightened. Easy to load film on the roller without removing the shaft, fast and convenient.



Collection system

Automatically pat coated paper neatly and can collect 500mm height paper, realize unattended operation.



Pressure roller (mirror type)

VL-540X equipped with mirror type steel pressure roller, which has the characteristics of corrosion resistance, strong hardness, and smoothness, provides clean and smooth laminating quality.

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