

DIGITAL LAMINATING & FOILING MACHINE

- Hot Lamination
- Cold Lamination
- Metallic Foiling



VL-450X

DIGITAL STAR QATAR
ديجيتال ستار قطر

DOHA | QATAR | P O BOX: 47663

Source of Digital Solutions

Welcome to Digital Star, your trusted partner in the world of cutting-edge printing solutions. As a leading printing machines, materials, and ink authorized dealer in Doha - The State of Qatar, we pride ourselves on delivering state-of-the-art technology that empowers to achieve unparalleled levels of efficiency and quality.

At Digital Star, we understand the pivotal role that printing machinery plays in the success of your operations. With a commitment to innovation and excellence, we curate a diverse range of top-tier printing machines to meet the unique needs of our clients. Our product line-up reflects the latest advancements in the industry.

As a responsible printing machines supplier, we prioritize sustainability. Our commitment to eco-friendly practices is reflected in the products we offer, promoting energy efficiency and environmentally conscious manufacturing processes. When you choose Digital Star, you're not just investing in cutting-edge technology - you're partnering with a company that values the planet as much as your success.

■ APPLICATION FIELD

Equipped with laminating and foiling devices, adding metallic laminating and holographic effects to digital prints, with compact and environmentally-friendly design, VL-450X 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-450X, feeding paper by automatic air suction, the automatic lifting and feeding platform can accommodate media sheets with a height of 7cm, equals to 8000 sheets of copy paper (60gsm). The selfdeveloped 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.



MULTI-FUNCTIONAL APPLICATIONS

VL-450X 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.



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-450X



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

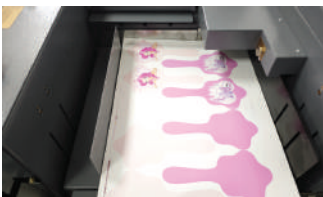
Available in a growing range of colors including: Gold, Silver, Rose Gold, Copper, Red, Green, Blue, Violet, Black, White and Clear Gloss. All can be applied direct to print.



HOLOGRAPHIC FLARING FILMS

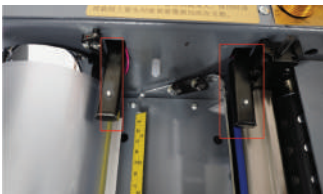
Such as : SParkle, Milky Way, Crystal, Carbon Fibre....
Perfect for adding premium effects to print.

■ DETAILED DESCRIPTION



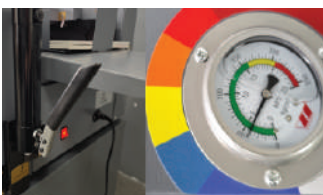
FULLY AUTOMATIC

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.



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.

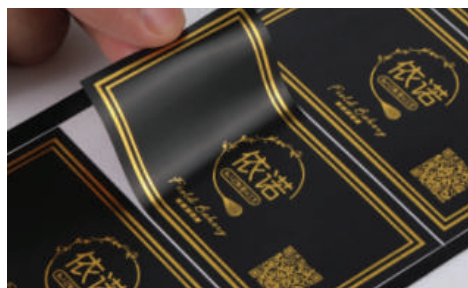


HYDRAULIC PRESSURE CONTROL

Unique pressure control ensures that your rollers apply perfect pressure, providing you with consistent and perfect surface treatment in any job.

WORKING SAMPLES

STICKERS



BUSINESS CARDS



DIY INVITATION CARDS



BROCHURES



FLYERS



DIY PACKAGING BOXES



PRODUCT SPECIFICATIONS

Min. Paper Sheets	130X200mm
Max. Paper Sheets	340X1200mm
Working Mode	Single-Sided Hot Film, Cold Film, Foiling
Heating Method	Electric Tube Heating
Warm-up Time	5-10 Minutes
Foiling Speed	1m/min--5m/min
Coating Temperature	10---120°C
Paper Thickness	125gsm--400gsm
Mirror Roller Diameter	105mm
Film Core Diameter	3in
Film Diameter	280mm
Maximum Film Width	340mm
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	1600W
Working Voltage	220-240V/50-60HZ
Humidity	20%-80%
Net Weight	190kgs
Gross Weight	Package 1: 247kgs; Package 2: 38kgs
Machine Floor Size	1865 L * 800 W * 1600 H (mm)

*Specifications are subject to change without prior notice, all rights reserved.

■ PRODUCT SPECIFICATIONS

1. Payment to be made in QR currency.
2. Payment Terms: As mentioned in Quotation.
3. Bank Details:

Bank Name	Branch	Beneficiary Name	Acc #	Swift Code
Qatar Islamic Bank	Al Khour Branch	Digital Star Qatar	0111453200015	QISB - QAQA
IBAN: QA16QISB000000000111453200015				

4. Bank Charges: Any bank charges relevant to the above transactions will be to your account.
5. Any charges, duties, taxes or levies at the ports of entry will be to our account.
6. The charges of loading, boarding and local conveyance of the technician will be to our account.
7. Any required electrical, mechanical and civil site preparation should be done by the customer according to our engineer's requirements.
8. Digital Star Qatar will not be held responsible for delays caused by any damage in the equipment due to shipment, unloading accidents and any related reasons, which is beyond our control.
9. The warranty will be 12 months from the date of installation from Digital Star Qatar. Wear and tear, consumables are exempted and warranty can be claimed only if you use the Inks and Services from Digital Star Qatar.
10. Service will be free of cost within 12 months from the date of installation.
11. Any claim will be invoice directly to you then we will send for claiming procedure which will take 45-60 days, if the claim got approved credit note will issued directly.
12. Delivery: As mentioned in quotation

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