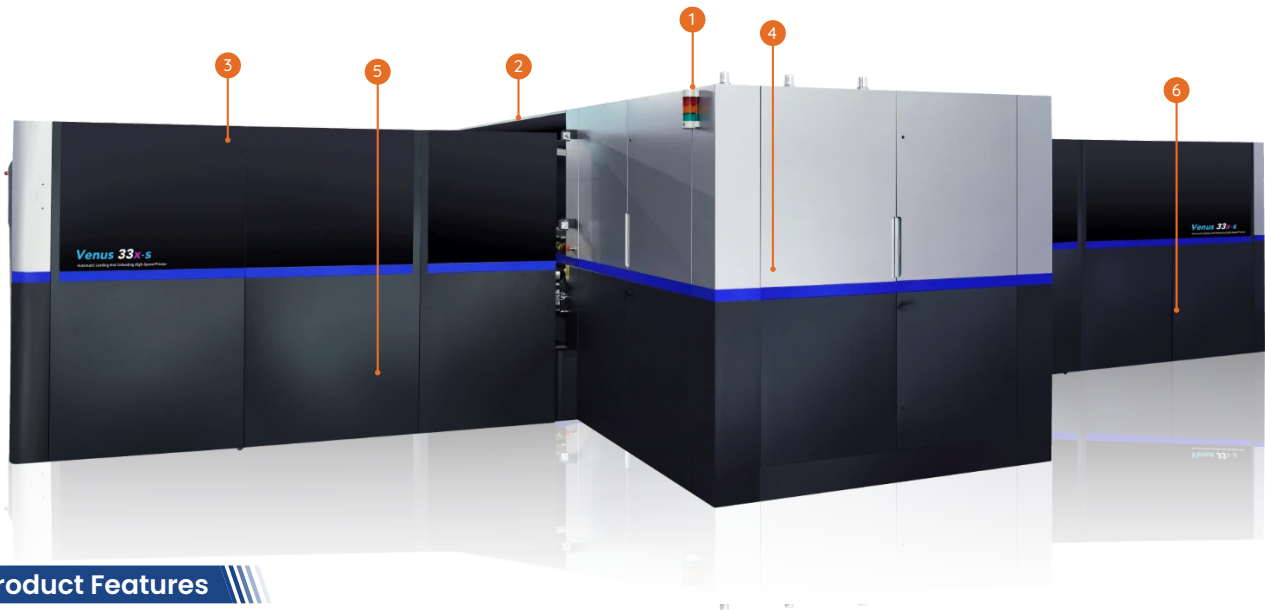


Venus 33X-S Automatic Loading And Unloading High-Speed Printer

The JHF Venus 33X-S is a high-speed automatic printer with full-process automation loading, printing, and unloading boosting production efficiency. It prints 4 sheets simultaneously, handles rigid substrates like cardboard and PVC, and delivers vibrant colors with industrial-grade print heads and precise ink control. Its intelligent, easy-to-use system makes printing faster, more efficient, and eco-friendly.

Product Information

- | | | |
|-----------------------------|-----------------------------------|------------------------------|
| 1 Signal Tower/Status Light | 3 Inkjet System | 5 Print Module 1(Left Wing) |
| 2 Cooling/Suction Vents | 4 Central Process Module(Chamber) | 6 Print Module 2(Right Wing) |



Product Features

◆ Flexible Production Mode

- Capable of printing four sheets simultaneously (each with a maximum width of 800mm and a minimum length of 800mm), with a maximum single sheet size of 3200mm (W) x 2000mm (L), greatly enhancing production efficiency and profitability.

◆ Automatic Alignment Feature

- The material feeding and receiving system is equipped with left-right and front-back alignment functions to ensure the printed materials are neatly and consistently aligned.

◆ Industrial-grade PLC

- Stably controls every aspect of the machine, ensuring precise operation of equipment coordination and enhancing overall productivity.

◆ Intelligent Safety Warning System

- Voice and visual alarms, automatic reminders when the machine starts.

◆ Intelligent Loading and Unloading System

- Fully automated loading, printing, and unloading process driven by linear motors for movement and servo motors with ball screws for lifting, coupled with industrial-grade foam pads. The pallet lifting mechanism has a maximum load capacity of 2000kg and features a sheet separation mechanism to ensure fast and stable operation of loading and unloading.

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◆ Multi-motor Centering Platform

- XY multi-motor control. the platform has a blowing function to reduce friction. During the sheet loading process, intelligent positioning is achieved, making the workflow simpler and more efficient.

◆ Automatic Height Detection Function

- Automatically detects the thickness of the media, seamlessly switches printing modes according to the material, greatly enhancing the user experience.

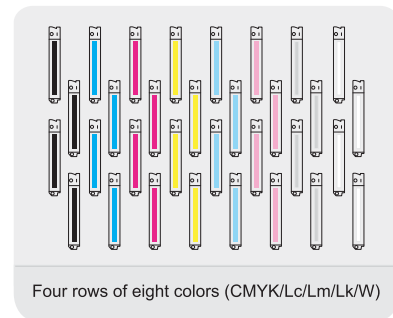
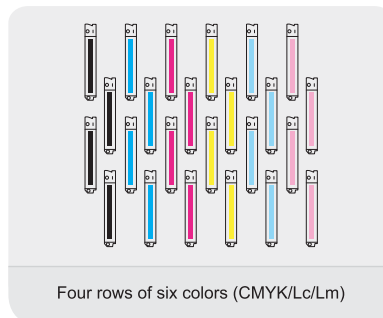
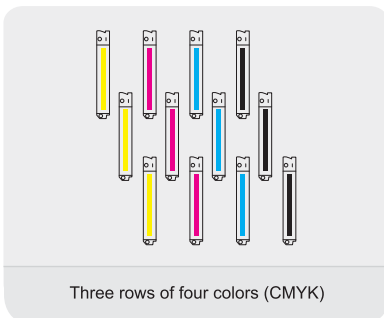
◆ Automatic Material Edge Finding Multi-sheet Intelligent Layout

- The automatic material edge finding function saves time on material alignment, enabling fast and precise output; it can also achieve synchro- nized printing with multi-sheet intelligent layout, increasing machine productivity.

◆ Multi-Layer Printing

- Featuring 8 freely editable layers, the image, ink volume, and parameters for each layer can be independently adjusted. Achieve multi-layer printing and one-step molding to enable diverse applications.

Color Configuration



Application

Indoor Graphics



Industrial Decoration



Reflective films



Headquarters: DIP-2, Plot No: 597-634, P.O. Box No: 27402, Dubai, UAE. Tel: +971 4 8049800.

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Technical Specifications

Printing width	3200mm		
Printhead	6C*4	Standard configuration: 4C*4/(4C+2W)*4/(6C+2W)*4/(4C+4C)*4	
Printing Mode	High speed mode	300x1800dpi	350 m ² /h
	Production Mode	600x1200dpi	265 m ² /h
	Fine mode	600x1800dpi	180 m ² /h
	Ultra fine mode	1200x1200dpi	140 m ² /h
	(the above mentioned speed is based on speed without smooth, radiant effect)		
Printing media	Cardboard, Wood panels, Metal sheets, Acrylic sheets, PVC foam boards, Crystal, etc.		
Printing thickness	≤50mm		
Ink type	UV ink		
Ink color	CMYK Lc Lm, W optional		
Environmental conditions	Temperature 18~28°C, Humidity 30%~70%		
Control software	JHF Printer V5.0		
Compressed air	≤8kg/ CM ²		
Data transmission interface	PCIE		
Power requirements	380V, 32KW		
Automatic Loading and Unloading Power	380V, 13KW		
Automatic Loading Dimensions	(Front to back) L 4682mm x (side to side) W 4250mm x H 1920mm		
Automatic Unloading Dimensions	(Front to back) L 3515mm x (side to side) W 4250mm x H 1920mm		

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