

JHF

F5900

SUPER WIDE FLATBED UV PRINTER



This high precision, super-sized flatbed printer is equipped with Ricoh Gen 6 industrial-grade heads, capable of printing multiple layers with white ink or varnish. Additionally, variable ink droplet technology makes printing on a variety of media with high speeds a painless process. The JHF F5900 can handle a wide range of applications, such as acrylic, aluminium composite panels, architectural ceramics, decorative flooring, wood, polyester, polycarbonate, polystyrene, corrugated board, (high-density) PVC, flexible foam panels, glass and metal (with a primer).



FEATURES

- Multi-customizable configurations on printing
- Tri-negative pressure controlling system
- Separate Vacuum Absorption table
- Multi-layer printing
- Accurate stepping and spot
- Anti-collision device
- Decreased compressed air by 90%
- Unique sub-tank controlling technology
- Auto height adjustment

With over 20 years of experience of building inkjet machines, over 15000 installations worldwide and over 80% marketshare in China in the industrial-grade UV segment, Beijing JHF Technology Co. Ltd manufactures these systems in state of the art factories over 100, 000sqm (56,000 Beijing + 40,000 Jinan) using industrial-grade components sourced from Germany, Netherlands and Japan.



Technical Specifications:

Item	Description			
Print Heads	Type	Ricoh Gen6		
	Configuration	CMYK/ CMYK + W + V/ CMYKLCLM + W + V		
	Quantity	2/3/4/5/6/8 optional for faster output		
	Droplet	5pl		
Ink	Type	UV		
	Colours	Cyan, Magenta, Yellow, Black, Light Cyan, Light Magenta, White, Varnish		
	Tank	1.5L tank guarantees stable ink supply		
	Igus Chain	German made towline supports high speed movement with minimal wire abrasion and sound		
	Ink Purge Control	Single colour purge system reduces ink wastage		
Media	Ink Supply	Independent CMYK and white negative pressure system ensures stable ink supply to the print heads		
	Max Output Size	3200mm x 2000mm		
	Max Thickness	0 - 70mm		
Printing Table	Anti Static Device	Plasma electrostatic eliminator improves stability when printing on static material		
	Type	42.5mm aluminium plate		
	Media Weight	Can handle substrate weights of up to 50kg/sqm (uniform loading)		
	Registration	Single key registration pin for fast placement and alignment of full size sheets		
Carriage	Vacuum	High-power pump with equal suction and 4 independent adjustable units		
	Type	High precision feed motor, micron level for carriage height adjustment, high sensitivity height probe ensures overall output quality		
	Motor	Panasonic dual Y axis motor keeps high resolution and stability in the carriage. Unique start-stop motor technology ensures stable printing on the F5900		
	Metal Encoder Strip	Resistant to deformation and grease. Highly stable and precise		
Connectivity	Screw Rod	Smooth rotation due to high-precision screw rod and high-speed bearings		
	Type	USB 2.0		
RIP Software	Caldera	French-made software with excellent colour management capacity.		
Productivity speeds from:	Configuration		CMYKLCLM	CMYK x2
	Draft Mode	4 pass (720x600 dpi)	45 sqm/h	90 sqm/h
	Production Mode	6 pass (720x900 dpi)	37 sqm/h	74 sqm/h
	Fine Mode	8 pass (720x1200 dpi)	28 sqm/h	56 sqm/h
Dimensions	Size	5250mm x 2650mm x 1500mm		
	Weight	2450kg		
Other Information	Power	Three phase, 380V, 10KW		
	Printing Environment	18 - 28 °C, 30 - 70% humidity		

• Specifications subject to change without notice.