

Mars 8R super grand format industrial printer



JHF Mars 8R, super grand format UV printer, integrates experiences of hundreds of high-end customers around the world during many years. New upgrade of speed, precision and stability, Mars 8R is leading printer of HD lightbox and backlit film. Mars 8R super grand format industrial printer redefines the industry's new standards and support you to seize market chances.

High resolution and fast speed

True 600dpi, high-speed industrial printhead with grayscale capability, higher speed and resolution.

LM Guide, characterized high-precision, super-low running sound, make you enjoy peace and quiet in printing process.

High-positioning-accuracy metal encoder, high-performance linear motor, sealed high-precision control tech contribute superior printing resolution.

Pioneering the use of high-quality linear motor, so that the characteristics of the nozzles can be effectively used.

Highly-precise negative pressure system, cut down on wasted compressed air over 90%, effectively extend service time of air compressor.

With highly-precise vertical-position system, printhead carriage can be varied automatically, reducing deviations and errors caused by manual operations.

The automatic edge-finding function on the printhead carriage can realize the simultaneous printing of multiple rolls of the machine, which greatly improves the output.

For the newly developed circulating ink supply system for Epson printhead, the circulation speed and pressure can be precisely adjusted according to different inks to ensure the constant temperature and smooth printing of the printhead.



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JHF Mars 8R roll to roll high speed super grand format industrial printer sets a new benchmark for super grand format roll to roll UV output by combining the printing quality of point-of-purchase (POP) and the high-speed output of outdoor large-format billboard.

JHF Mars 8R high speed super grand format industrial printer ensures digital print shop to make quicker and more efficient commercial applications, including oversized posters, super-wide light box panels, exhibition graphics, billboard signage and commercial graphics.

JHF Mars 8R super grand format industrial printer could extend your printing capacities and broaden the scope of business application, let your business grow and seize the opportunity in the competition.

Max Printing width	5000mm		
Printhead model	Epson 8c*2		
Printing speed	Express mode	300 × 1800dpi	255 m²/h
	Quality mode	600 × 1200dpi	200 m²/h
	High Quality mode	600 × 1800dpi	135 m²/h
	Ultra Quality mode	1200 × 1200dpi	105 m²/h
Substrates	Lightbox PVC, backlit PET film, fabric and soft signage material		
Inks	UV ink		
Ink colors	C、M、Y、K、Lc、Lm、Ly、Lk		
Controlling software	JHF Printer V4.1		
Environmental requirements	Temperature 18~28℃, Humidity 30%~70%(non-condensing)		
Air pressure parameters	≥8kg/ cm²		
Connectivity	PCIE		
Electrical power	3-phase, 380AV/ 25KW		
Machine Size	L 8470mm*W 1730mm*H 2330mm		
Machine weight	7600KG		

Reliable and humanized design, precise control capacity

4pcs large-diameter rubber rollers minimize deflection, keep flat media and less deflection. Those rollers protect printed media surface and are capable of mass and express printing works.

Without physical buttons on printer body, Mars 8r adopt industrial PLC + touch screen. Printing task is to be completed on console. More intelligent to control each link of printer.

Adopt safe and reliable towline solutions to ensure the movement of cable smoothly and stable.

Rectangular welded frame with inner triangle ensures high strength and no deformation of printer body.

Unique sub-ink tanks control technology, makes ensure the sudden blackout ink safety without leakage.

The lack of material alarm, negative pressure alarm, ink supply protection and other perfect alarm protection systems will escort your printing career.

Custom multi-layer printing is completed at one time, enriching the application range.

Automatically read single or multi-roll material boundaries, intelligent typesetting, and automatic border printing.

Multiple national patents

Using LED lamp curing solution, more energy-saving and environmentally protection, the image is cured instantly, with higher definition, brightness and color saturation.

National patented tensioning and feeding system, combined with super-large diameter rollers, ensures that each step is extremely accurate.

National patent roller structure obtained provides a solid foundation for smooth feeding of the whole machine.

National patent shocking appearance gives you a solid and reliable spiritual experience.

JHF

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