Mars 16X UV roll–to–roll industrial printer

JHF Mars 16X UV roll–to–roll industrial printer set benchmark for UV image graphics. High–quality close–viewed output gives efficient commercial display applications to digital printing suppliers, such as ultra–wide light box film, exhibition graphics, billboard signage and commercial graphics. JHF Mars 16X could extend your printing capacities and broaden the scope of business application, let your business grow and seize the opportunity in the competition.

High resolution and fast speed

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

High precision metal raster, high–performance linear motor, and high precision closed loop control tech, makes printing resolution more outstanding.

High precision negative pressure system, redusecs the use of compressed air for more than 90%, effectively extend service time of air compressor.

With highly–precise vertical–position system, print–head carriage can be varied automatically, reducing deviations and errors caused by manual operations. Independent feeding system, realizes the bulk material printing.

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Max printing width	2200mm		
Printhead model	Kyocera KJ4A（600dpi） 4c*4		
Printing speed	Express mode	300 × 1800dpi	300 m²/h
	Quality mode	600 × 1200dpi	230 m²/h
	High Quality mode	600 × 1800dpi	160 m²/h
	Ultra Quality mode	1200 × 1200dpi	120 m²/h
Substrates	Lightbox PVC, backlit PET film, fabric and soft signage materials		
Inks	UV ink		
Colors	C,M,Y,K		
Controlling software	JHF Printer		
Environmental requirements	Temperature 18~28℃, Humidity 30%~70%(non-condensing)		
Air pressure parameters	≥8kg/ cm²		
Interface	PCIE		
Electrical power	3-phase, 380AC / 25KW		
Machine Size	L 5244mm*W 3070mm（including optional jumbo roller）*H 2130mm		
Machine weight	3800KG		

Handy operate and stable output, supply your business solid support

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 16X adopt industrial PLC + touch screen. Printing task is to be completed on console. More intelligent to control each link of printer.

Unique sub-ink tanks control technology, makes ensure the sudden blackout ink safety without leakage. Each nozzle uses independent negative pressure control system to ensure stable output during printing process.

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

Environmental friendly, reliable, multiple national patents

High-power LED lamp curing solution, more environmental-friendly, instant curing, higher denition, brightness and color saturation.

National patented Drive-Pinch Tension Media system, combined with jumbo diameter rubber rollers, ensures that every step is extremely accurate.

The national patented rollers structure provides a solid foundation of running media smoothly.

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