HTA2500 ROBO

Pioneering Fully Automatic Loading and Unloading Design for Reduced Labor and Simplified Workflow

- Realizes an integrated automated production process of loading + printing + unloading.
- Supports automatic loading and unloading devices (optional configuration).
- Supports manual loading, equipped with a foot pedal for easier and more convenient operation.

End-to-End Integrated Production Process
Supporting Expanded Function Modules

Outstanding Hardware and Software Performance

01 Independent vacuum-controlled adsorption platform enhances the adsorption force for media of different sizes.

02 Full rectangular steel welded frame and guide rail beam ensure overall stability.

03 PU conveyor belt for stronger load capacity and enhanced durability.

04 Single-channel independent ink supply system to reduce maintenance costs.

05 White ink circulation system prevents white ink sedimentation.

06 Collision prevention and resume printing function ensures high product yield.

07 Integrated control interface centralizes production parameter settings for ease and efficiency.

Sample

Technical Parameters:

Model	HTA2500 ROBO	
Printing Information		
Printhead	Kyocera Industrial-grade Grayscale Printhead	
Number of Printheads	2-18 pcs	
Resolution	605*1800 DPI, 363*3600 DPI	
Productivity	Draft Mode	312 m^2/h
	Production Mode	208 m^2/h
	Quality Mode	138 m^2/h
Printing speed of sheet materials	Quality Mode	60 pcs/h(standard materials)
Printing Modes	Bidirectional high speed	
Media & Ink		
Max. Print Width	2500 mm	
Max. Media Thickness	50 mm	
Media	Various sheet and roll materials, such as soft film, scraper cloth, vehicle stickers, Honeycomb board, and wooden boards.	
Ink Type	Eco-friendly UV-curable ink (VOC-free)	
Ink Colors	CMYK, Lc, Lm, W	
Software & Functions		
Curing	LED curing	
Transfer	High-speed PCIE	
RIP	Caldera	
Input	PDF, JPEG, TIFF, EPS, AI……	
Dimensions & Weight		
Machine Dimensions	5535*2060*1900 mm (L*W*H)	
Package size	5840*2280*2250 mm (L*W*H)	
Net Weight	3500 KG	
Gross Weight	4000 KG	
Power & Environment		
Power Consumption	23.1 kW(47A)	
Power Supply	400VAC 50Hz 3P/N/PE	
Environmental Requirements	Independent, clean, low-dust, low-light workspace with good ventilation	
	Operating Temperature: 18°C ~ 30°C (64°F ~ 86°F)	
	Relative Humidity: 30% ~ 70% (non-condensing)	