

SPECIFICATIONS

Model	● HM1800-P4		
Print head	● Industrial piezoceramic print head		
Ink type	● Sublimation ink		
Ink tank volume	● 6L		
Ink colors	● 4 colors		
Printing mode	pass	● 2pass	● 3pass
	DPI	● 600 x 600 dpi	● 600 x 900 dpi
	Capacity	● 260 m ² /hr	● 170 m ² /hr
Material information	● Maximum Substrate width ● 1850mm	● Maximum printing width ● 1800 mm	● Material Weight ● 35—100 g/m ²
Max. roll diameter	● Standard roll: ϕ500 mm		
Media type	● Transfer paper		
Media feeding	● Roll to roll		
Dryer type	● IR+ Hot Air		
Compressed air	● 0.6 Mpa 3.5m ³ /hr (Dry air without oil or moisture)		
Power supply	● AC380V±10% Three Phase 13KW:22A 50Hz/60Hz		
Power cable	● Printer: 5 x 6 mm ²		
Environmental requirements	● Relative humidity: 60% —80% (no condensing) ● Temperature : 20~30°C (68~86°F)		
Net Weight	● 1300 Kg		
Printer Net size	● 3936 x 1400 x 1562 mm (L x W x H)		



HM1800-P4

High Speed Roll-to-roll Dye-sublimation Printer

- Outstanding printing speed and precision, excellent reliability and stability
- Advanced industrial design, high-efficiency data processing technology
- Strong R&D team with rich professional experience and 27 patents
- Responsible worldwide service team provides quick answers to your questions and concerns
- A cost-effective machine brings customers more profit and return

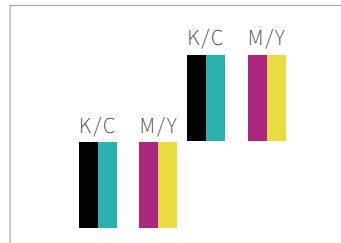


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HOMER
Digital Textile Printer





High-speed printing for industrial production

- Two rows of print heads are aligned in staggered pattern for higher productivity.
- Self-developed hardware and software systems, combined with advanced mechanical structure, contribute to printing speeds as high as 260 m²/hr.
- The stability design for 7 x 24hr. continuous high-speed running makes it a perfect fit for industrial production.



High quality printing for brilliant color performance

- Industrial piezoceramic print heads support 4 colors printing with optimum quality.
- 4 colors inkjet solutions improve accuracy of drop locations and guarantee the printing quality.
- Excellent printing quality is also ensured by extraordinary color fastness, bright colors, and stable and smooth inkjet printing.



Extraordinary design for wrinkle-free printing

- The scientific design of paper guide roll solves the problem of paper crumpling in the process of printing.
- The complete heating system can solve the issue of discoloration after drying by adjusting the temperatures of front heating and bottom heating. It is also helpful for crumpled paper with different ink amount or of different thickness.

Superior performance creates greater value for customers

- At printing platform, the vacuum power is adjustable for various types of media. The flatness is assured for better printing.
- The integrated steel frame structure is stable and better protected against pressure and wearing.
- The negative pressure is controlled by real-time monitoring and adjustment technology, to ensure continuous and stable printing.
- Two drying modes are available, front drying and bottom drying. The front drying + bottom drying is suitable for heavy ink printing. The front drying is controlled manually. It can be turned off for ordinary patterns to save energy.



Kyocera-certified original ink

The Homer ink with Intertek certification has been certified by Kyocera, matching well with Kyocera print heads. It delivers pure color and smooth output.

A worldwide after-sales service team



Better protection for longer useful life

- The negative pressure is controlled by real-time monitoring and adjustment technology, to ensure continuous and stable printing.
- The reliable anti-scratch design can effectively protect printheads. It minimizes the damage of paper to the printheads and extends service years of the costly printheads.
- Our worldwide service team responds to your questions or concerns, in a timely and professional manner.

Digital printing, fast response to the market

- Print on demand, low energy consumption and environment-friendly.
- Visualized intelligent interface helps one-for-many operation. Easy and simple.
- Efficient combined output of short orders and rush orders, quick response to market demands.
- Flexible and convenient: no plate making; no color mixing, seamless switch between orders of same specifications. Any pattern you designed can be easily realized.
- Visualized intelligent interface helps one-for-many operation. Easy and simple.

Installation Diagram

