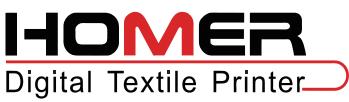


SPECIFICATIONS

| | | | |
|----------------------------|--|-----------------------------|------------------------------|
| Model | ● HM 1800P | | |
| Print head | ● High speed and high resolution industrial printhead | | |
| Printhead Qty | ● 2- 4pcs | | |
| Printing mode | ● 600 x 600 dpi (2 pass) | ● 600 x 900 dpi (3 pass) | ● 600 x 1200 dpi (4 pass) |
| Printing speed | ● 143 ㎡/hr | ● 95 ㎡/hr | ● 72 ㎡/hr |
| Media feeding | ● Roll to roll | | |
| Max. printing width | ● 1800 mm | | |
| Dimension | ● 4280 mm x 1938 mm x 1570 mm | | |
| Package dimension | ● 4140 mm x 1740 mm x 1900 mm | | |
| Weight | ● Printer: 1200 Kg | ● Dryer: 100 Kg | |
| Ink colors | ● C, M, Y, K, Orange, Blue, Fluorescence pink, Fluorescence yellow | | |
| Ink type | ● Sublimation ink | | |
| Max. roll diameter | ● 400 mm (≤80g. 1000m) | | |
| Media type | ● Transfer paper (40-100gr/sqm) | | |
| RIP software | ● Caldera, Neostampa, Texprint | | |
| Max. roll weight | ● 200 Kg | | |
| Dryer type | ● IR+Hot Air | | |
| Power supply | ● AC 380V / 220V | | |
| Power consumption | ● System: 3 Kw | ● Dryer: 11 Kw | |
| Compressed air | ● 0.6 MPA | | |
| Environmental requirements | ● Temperature: 22-28 C ● Relative humidity: 45%-60% (no condensing) | | |



HM 1800P

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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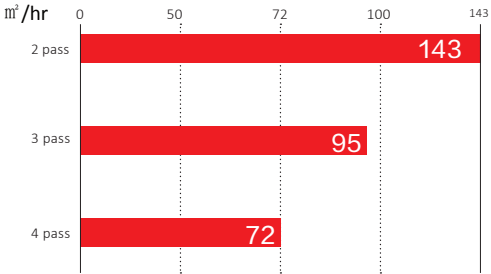


HOMER
Digital Textile Printer



HM 1800P

speed



High quality printing, creates greater value for customers

- Equipped with industrial-grade Kyocera printheads, supports 4-8 colors printing, resolutions can be as high as 600 x 1200 dpi for high quality pictures
- Combining self-developed hardware and software systems with advanced mechanical techniques, the machine delivers printing speeds of up to 140 m²/hr, meeting high-end requirement of industrial production.
- Visible and smart user interface enables one operator to manage multiple machines. Skill training can be easily accomplished
- Variable droplet printing technology is applied for control on ink drop size, to achieve enriched image reproduction.

High-end design for industrial production

- Adjusting the tension of the winding media by manually increasing or decreasing the standard counterweights to adapt to different ink volumes and media.
- 4-8 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.
- Eco friendly ink is used for green printing, good for now and for the future.
- The structure of integrated steel frame achieves high stability, high compression resistance and good wear strength. The scientific roll-to-roll design facilitates high productivity.
- 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.



Digital printing, rapid response

- Print on demand, low energy consumption and environment-friendly.
- Efficient combined output of short orders and rush orders, quick response to market demands.
- Powerful order management functions: orders can be automatically saved, easily modified or retrieved. High efficiency contributes to optimized production.
- Flexible and convenient: no plate making; no color mixing, seamless switch between orders of same specifications. Any pattern you designed can be all easily realized.
- Meeting demands of instant order change, fast delivery and zero inventory. New business models are created for bright future.

Protection and maintenance, 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 fabric 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.

Global installations



Classic work, assured quality

- Classic work of Homer, impressive and growing global installations
- High degree of automation: auto height detection, auto positioning, auto degassing, auto cleaning&moisturizing.
- Fluorescence color ink is supported for enhancing color performance, making patterns more dazzling and flashy.
- Length of substrate printable can be as long as 1000m, the stability design for 24hr continuous high-speed running makes it a perfect fit for industrial production.



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.

Installation Diagram

