



1800R Pro

Industrial high-speed roll-to-roll dye-sublimation digital printer



The productivity has been increased to 601 m/h



Enable to print thin paper of minimum 31g/m²



Support jumbo roll of 10000 meters



High-concentrated and fast-drying ink reducing energy consumption by 30%

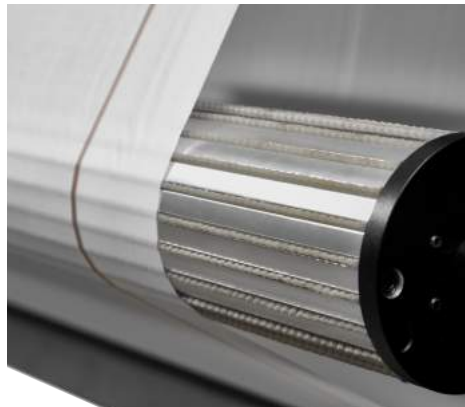
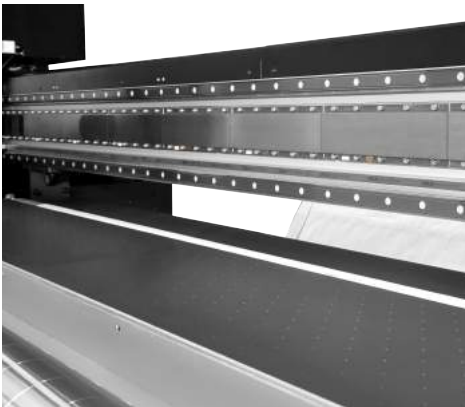


Kyocera printhead, single or dual channel optional 4-8 colors

1800R PRO

SPECIFICATIONS

| | | | | | | | | |
|------------------------------|--|--|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Model | HM1800R pro | | | | | | | |
| Printhead | 4-8pcs print heads (Kyocera single / dual channel optional) | | | | | | | |
| Production Mode | Resolution | 300x600dpi (1pass) | 400x600dpi (1pass) | 508x600dpi (1pass) | 600x600dpi (1pass) | 300x1200dpi (2pass) | 400x1200dpi (2pass) | 508x1200dpi (2pass) |
| | Productivity | 750m ² /hr 500m/hr | 680m ² /hr 453m/hr | 587m ² /hr 391m/hr | 504m ² /hr 336m/hr | 399m ² /hr 266m/hr | 359m ² /hr 239m/hr | 294m ² /hr 196m/hr |
| Color | Cyan, magenta, yellow, black, orange, blue, fluorescent yellow, fluorescent pink, Lm, Lc, turquoise (optional) | | | | | | | |
| Ink | Disperse ink | | | | | | | |
| Color Mode Support | 4, 6, 8 colors optional | | | | | | | |
| Ink Tank Volume | 15L | | | | | | | |
| Media Type | Dye Sublimation Paper | | | | | | | |
| Maximum Printing Width | 1800mm | | | | | | | |
| Maximum Media Width | 1900mm | | | | | | | |
| Available Material Weight | Minimum 31g/m ² | | | | | | | |
| Maximum Unwind Roll Weight | 1tons (Full Width) | | | | | | | |
| Maximum Unwind Roll Diameter | 1 meter | | | | | | | |
| Maximum Wind Roll Diameter | 360mm (2000meters long) | | | | | | | |
| Drying Method | Constant temperature hot air drying | | | | | | | |
| Power | Voltage | AC380V±10%, three-phase | | | 11.5A (6KW) | 50Hz/60Hz | | |
| | Dryer Voltage | AC380V±10%, three-phase | | | 14A(9.3 KW) | 50Hz/60Hz | | |
| Air Supply Pressure Flow | 0.6mpa 1m ³ /hr (dry without oil or water vapor) | | | | | | | |
| Working Environment | Temperature Range | 20-28 degrees Celsius (68-77 degrees Fahrenheit) | | | | | | |
| | Humidity Range | 45-60% (no condensation) | | | | | | |
| Installation Size | Net Size of Printer | 3945mm x 1000mm x 1718mm (L*W*H) | | | | | | |
| | Printer Packaging Size | 4180mm x 1500mm x 2160mm (L*W*H) | | | | | | |
| | Jumbo Feeder Net Size | 2403mm x 1200mm x 1100mm (L*W*H) | | | | | | |
| | Jumbo Feeder Packaging Size | 2590mm x 1620mm x 1450mm (L*W*H) | | | | | | |
| | Installation Site Size | 4500mm x 4500mm (L*W) | | | | | | |



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