

UV卷材机系列/UV Roll-to-Roll Printer Series

YD-R5000

巨幅型卷材UV打印机

Grand Roll - to - Roll UV Printer



可选:理光/京瓷/柯尼卡喷头  
(Optional: Ricoh/Kyocera/Konica Minolta printheads)

机器配置

Machine Configuration



工业级进口喷头

理光G6工业级喷头,精度更高,速度更快,另可选京瓷/柯尼卡等喷头  
Ricoh G6 industrial printhead: higher precision, faster speed; optional Kyocera/Konica,etc.



精工钢制机架

底架由高强度钢材经过高精度龙门精铣、自动化焊接成型,稳如磐石  
high-strength steel base frame, formed by high-precision gantry milling and automated welding.



一体成型横梁

一体成型,淬火+时效去应力处理,刚性强、抗下垂,长期高速打印不变形  
One-piece, quench stress-relieved — rigid, anti-sag, stable long-term.



工业级导轨

采用高品质静音导轨,降噪 10-15dB,重复定位精度高,运行安静平稳  
High-quality silent linear guides:10–15 dB noise reduction, high repeat positioning, quiet stable running.



磁悬浮直线电机

X轴重型直线电机,精度更高,速度更快、承重更强  
X-axis heavy-duty linear motor: higher precision, faster motion, and greater load capacity.



高品质UV灯

国际品牌LED冷光源,功率高,环保安全、使用寿命可达 2-3万小时  
High-power UV LED curing system with long service life and stable curing performance.



高精度吸附平台

铝蜂窝真空吸附平台,CNC 精铣、硬质阳极氧化,精度高、耐磨抗刮  
Aluminum honeycomb vacuum table: CNC precision milled, hard anodized, high precision, scratch & wear resistant.



精密伺服电机

采用大品牌高精度伺服电机,精度高、稳定性强  
Premium-brand high-precision servo motors for accuracy and stability



负压供墨系统

防止滴墨断墨,保证高速打印画面稳定,降低堵头风险  
Negative pressure ink system: anti drip/break, stable high-speed print, less nozzle clog.



静音拖链

大品牌静音拖链,耐弯折超千万次,有效保护墨管和线路  
Reputable-brand silent cable chain: over 10 million bend resistance, protects ink tubes & wiring.

技术参数

TECHNICAL SPECIFICATIONS

| 参数名称 DATA NAME               | 技术配置 TECHNICAL SPECIFICATIONS                                                              |
|------------------------------|--------------------------------------------------------------------------------------------|
| 设备型号 / Model                 | YD-R5000 巨幅型卷材UV打印机 (YD-R5000 Grand Roll-to-Roll UV Printer)                               |
| 打印尺寸/ Max. Print Size        | 最大宽度5000mm (Maximum width 5000 mm)                                                         |
| 打印精度/ Print quality          | 635X2400 dpi ( 635X2400dpi )                                                               |
| 喷头配置/ Printhead Config       | 理光G6 ( Ricoh G6 )                                                                          |
| 颜色配置/ Ink Color              | CMYK、LC、LM、W、V自由组合 (CMYK, LC, LM, W, V can be freely combined)                             |
| 喷头数量/ Number of printheads   | 1-8个[4~8色可选] (1-8 PCS [4~8 colors available])                                              |
| 墨水配置/ Ink Configuration      | 环保型UV墨水[不含VOC] (Eco-Friendly UV Ink [VOC-free])                                            |
| 操作环境/ Operating Environment  | 温度20-30℃;湿度40-70% (Temperature: 20-30℃; Relative Humidity: 40-70%)                         |
| 图像格式/ Supported File Formats | TIFF、AI、PDF、EPS、JPEG (TIFF、AI、PDF、EPS、JPEG)                                                |
| 打印模式/ Print mode             | 单向和双向 ( Unidirectional and Bidirectional )                                                 |
| RIP软件/ RIP                   | PhotoPrint (PhotoPrint)                                                                    |
| 电源要求/ Power Supply           | AC220V(±10%) 单相电、50/60HZ ( AC 220V (±10%)single-phase、50/60Hz, 8.7kW )                     |
| 功率/ Power                    | 8.7kw ( 8.7kW )                                                                            |
| 净重,尺寸/ N.W. & Dim.           | 4700KG, 7400[长]X1930[宽]X1900[高]mm (4700KG, 7400[L] X 1930[W] X 1900[H]mm)                  |
| 装箱重量,尺寸/ G.W. & Pack. Dim.   | 5270KG, 7600X1950X2100mm 误差100mm (5270KG, 7600X1950X2100mm ±100mm TOL.)                    |
| 适用介质/ Compatible Media       | 软膜、壁纸、反光膜、油画布、地毯、皮革<br>(Soft films, wallpaper, reflective films, canvas, carpets, leather) |

G6喷头产能速度

G6 NOZZLE PRODUCTION CAPACITY SPEED

| 打印速度<br>Print Speed<br>(sqm/h) | 模式/ Print Mode      | 产能/ Production Capacity |
|--------------------------------|---------------------|-------------------------|
|                                | 草图/ Sketch          | 25~165m²/h              |
|                                | 标准/ Standard        | 18~63m²/h               |
|                                | 高精/ High Definition | 11~81m²/h               |

设备应用行业

APPLICATION INDUSTRIES

广泛应用于户外广告布、灯箱片、车身贴、单透贴;高炮广告、反光膜、条幅、网格布;墙纸墙布、天花软膜、3D背景墙、背胶墙贴;皮革软包、装饰画、油画布、窗帘;PU皮革、手提包、购物袋、钱夹;服装家纺、沙发布料、数码印花、面料;礼品盒、酒包、PVC包装、EPE内衬;以及设备标签等多元场景。

Widely used for outdoor banners, lightbox film, vehicle wraps, one-way vision film; billboards, reflective film, banner flags, mesh fabric; wallpaper, ceiling film, 3D feature wall, wall decals; leather upholstery, decor art, canvas, curtains; PU leather, handbags, shopping bags, wallets; apparel, home textiles, sofa fabric, digital prints; gift and wine boxes, PVC packs, EPE liners; and full industrial-label coverage.

广告牌/Billboard



文化墙/Cultural Wall



UV皮革/UV Leather



车贴/Car sticker



灯箱广告/Advertisement

