

UV卷平一体机系列/Hybrid UV Printer Series

YD-H1800 紧凑型卷平一体UV打印机

Compact Hybrid UV Printer



可选:理光/京瓷/柯尼卡/爱普生喷头
(Optional: Ricoh/Kyocera/Konica/Epson print heads)

机器配置

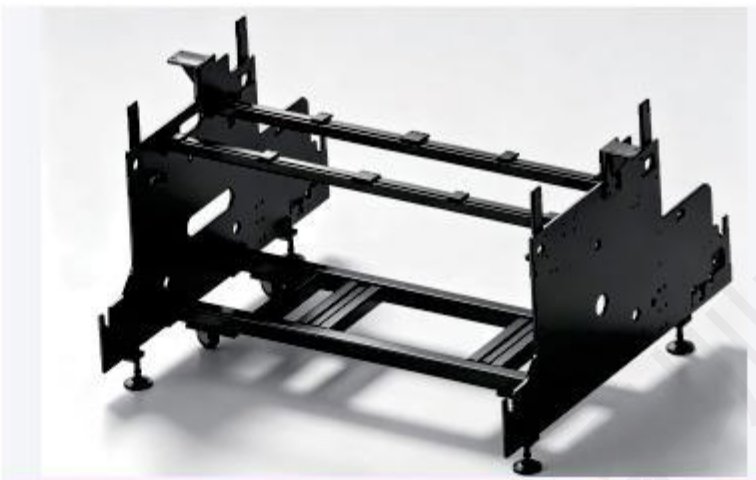
Machine Configuration



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/爱普生等喷头

Ricoh G6 industrial printhead: higher precision, faster speed; optional Kyocera/Konica/Epson, 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

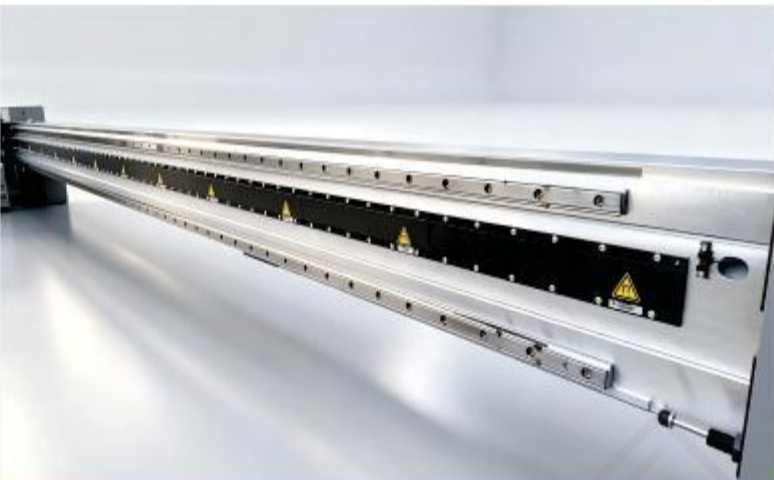
One-piece, quench stress-relieved — rigid, anti-sag, stable long-term.



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轴采用直线电机,精度更高,速度更快、承重更强,高速启停更平稳

X-axis adopts linear motor with higher precision, faster speed and stronger 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.



高分子纤维网带

聚酯高强度,耐磨抗形变,负压吸附,卷平两用

Hi-strength polyester, wear-proof, anti-deform, vac hold, hybrid roll/flat.



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.



收放料系统

前后气胀轴收放卷模块,带张力控制系统,装卸快,张力稳,走料平整收卷齐

Front & rear air-shaft roll modules, tension control, even feed, neat rewind.

技术参数

TECHNICAL SPECIFICATIONS

参数名称 DATA NAME	技术配置 TECHNICAL SPECIFICATIONS
设备型号 / Model	H1800 紧凑型卷平一体UV打印机 (H1800 Compact Hybrid UV Printer)
打印尺寸 / Max. Print Size	最大宽度1800mm (Maximum width 1800 mm)
打印精度 / Print Resolution	635X2400 dpi (635X2400dpi)
喷头配置 / Printhead Config	理光G6,2-8个[4~8色可选] (Ricoh G6, 2-8 PCS [4~8 colors available])
颜色配置 / Ink Color	CMYK、LC、LM、W、V自由组合 (CMYK, LC, LM, W, V can be freely combined)
打印模式 / Printing Mode	单向和双向 (Unidirectional and Bidirectional)
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)
RIP软件 / RIP	PhotoPrint (PhotoPrint)
介质厚度 / Media Thickness	0-50mm (Media Thickness: 0-50 mm)
电源要求	AC220V(±10%) 单相电、50/60HZ (AC 220V (±10%), single-phase)
功率 / Power Supply, Power	8.5kw (8.5 kW)
净重,尺寸 / N.W. & Dim.	1500KG, 4000[长]X1888[宽]X1655[高]mm (1500KG, 4000[L] X 1888[W] X 1655[H]mm)
装箱重量,尺寸 / G.W. & Pack. Dim.	1700KG, 4280X2230X1970mm 误差100mm (1700KG, 4280X2230X1970mm ±100mm TOL.)
适用介质 / Compatible Media	硬性和柔性板材, 卷材 (Rigid and flexible sheets, rolls)

G6喷头产能速度

G6 NOZZLE PRODUCTION CAPACITY SPEED

打印速度 Print Speed (sqm/h)	模式 / Print Mode	产能 / Production Capacity
	草图 / Sketch	5.5~40m ² /h
	标准 / Standard	3~21m ² /h
	高精 / High Definition	2~20m ² /h

设备应用行业

APPLICATION INDUSTRIES

广泛应用于广告标识、店铺标牌、灯箱片、车身贴膜;背景墙、装饰面板、玻璃门、瓷砖墙板;软膜天花、灯箱布、亚克力、PVC板;定制家具、木板、墙面艺术、隔断;硬质包装盒、化妆品盒、酒盒、亚克力奖牌;工业铭牌、设备标签、ID面板、方向标识;手机壳、金属板、木质纪念品、眼镜五金;以及卷材软材等多元场景。

Widely used for signage, shop signs, lightbox film, and vehicle wraps; feature walls, decor panels, glass doors, and tile panels; ceiling film, backlit fabric, acrylic, and PVC board; custom furniture, wood, wall art, and partitions; rigid, cosmetic, and wine boxes, plus acrylic awards; nameplates, equipment labels, ID and wayfinding signs; phone cases, metal plates, wood souvenirs, and eyewear; and full roll and flexible-media coverage.

玻璃/Glass



油画布/Oil Painting Canvas



PVC薄膜/PVC Film



广告纸/Advertising Paper



皮革/PP Film

