

UV平板机系列 / UV Flatbed Printer Series

YD-F2513X 磁悬浮高速UV平板打印机 High-Speed UV Flatbed Printer



200m²/h速度 AI修图 每列喷孔独立波形控制 智能布点算法 并行计算架构 AI浮雕生成
(200m²/h Speed, AI Retouch, Per-Column Waveform, Smart Dotting, Parallel Compute, AI Relief Generation)

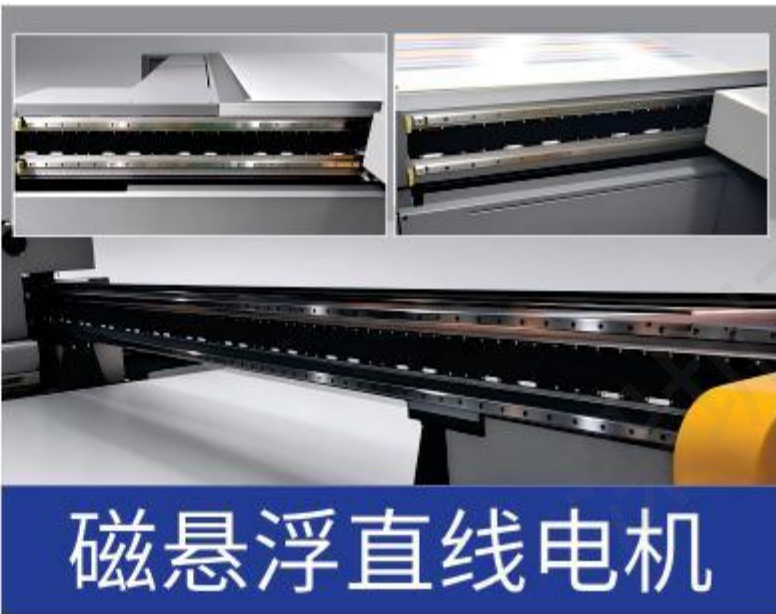
机器配置 Machine Configuration



理光G6喷头

理光G6工业级灰度压电喷头, 5pl墨滴、精度更高、速度更快

Ricoh G6 industrial grayscale piezo head, 5 pl, higher precision, faster.



磁悬浮直线电机

三轴75mm重型直线电机, 平稳运行, 兼具高负载、高速度与高精度

3-axis 75 mm heavy-duty linear motors, high load, high speed, high precision.



重型方通底架

100×100mm重型方通底架, 高强度焊接, 龙门铣一次精加工+退火

100×100 mm square-tube frame, hi-strength welded, gantry milled + annealed.



高功率UV灯

395nm UV光源配水冷压缩机, 20W/cm³高功率密度, 瞬间高效固化

395 nm UV source + water cooling, 20 W/cm³ power density, instant cure.



精密调节点

40个独立精密调节点, 平台精度可达0.05mm, 较行业标准提升一倍

40 precision adjustment points, 0.05 mm accuracy, double industry standard.



军工级板卡

高性能数据流架构军工级芯片, 算力更强, 运行更稳定, 安全性更高

Mil-grade chip, hi-perf data-flow arch — compute, stable, secure.



静电消除器

高压电离空气, 中和材料表面静电, 防止飞墨与灰尘吸附。

High-voltage ionized air neutralizes surface static, prevents ink misting and dust pickup.



双重防撞保护

小车防撞与物理挡板组成双重防护系统, 实现对喷头与人员的双重守护。

Dual protection: carriage anti-collision + physical barrier, safeguards printhead and operators.



独立负压供墨系统

各色配备独立墨仓、温控负压, 精准调控温度粘度, 保证打印过程稳定流畅

Independent negative-pressure ink supply system — constant ink flow, no leakage



六区吸风平台

6区独立吸风控制, 实现强力稳定吸附, 杜绝材料翘曲移位, 保障打印精度

6-zone independent vacuum control — strong, stable hold-down; prevents warping and shifting.



技术参数

TECHNICAL SPECIFICATIONS

参数名称 DATA NAME	技术配置 TECHNICAL SPECIFICATIONS
设备型号 / Model	YD-F2513X磁悬浮高速UV平板打印机 (YD-F2513X High-Speed UV Flatbed Printer)
打印尺寸/ Max. Print Size	2500X1300mm (2500X1300mm)
打印精度/ Print Resolution	635X600 dpi / 635X900 dpi/ 635X1200 dpi/ 635X2400 dpi
喷头配置/ Printhead Config	理光G6,3-18个[4~8色可选] (Ricoh G6, 3-18 units [4~8 colors available])
颜色配置/ Ink Color	CMYK、LC、LM、V[光油]、W[白墨] (CMYK, LC, LM, V [varnish], W [white ink])
墨水配置/ Ink Configuration	环保型UV墨水[不含VOC] (Eco-Friendly UV Ink [VOC-free])
打印速度/ Print Speed	1650~2000mm/s(双向速度) (1650~2000mm/s Bidirectional Speed)
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)
X、Y轴驱动/ X、Y-axis drive	X轴、双Y轴三轴磁悬浮(直线电机)配置 (X-axis, dual Y-axis three-axis magnetic levitation (linear motor) setup)
RIP软件,介质厚度/ RIP, Media Thickness	云端系统自带/PhotoPrint,0-200mm (Built-in Cloud System/PhotoPrint,0~200 mm)
电源要求,功率/ Power Supply, Power	AC220V(±10%) 单相电、8.5KW (AC 220V (±10%) single-phase power, 8.5KW)
净重,尺寸/ N.W. & Dim.	1550KG, 4980[长]X2456[宽]X1600[高]mm (1550KG, 4980[L] X 2456[W] X 1600[H]mm)
适用介质/ Compatible Media	木板、瓷砖、金属板、PVC板、波纹板、无机板、3C数码、玻璃、亚克力等 (Wood panels, ceramic tiles, metal panels, PVC panels, corrugated panels, inorganic panels, 3C digital products, glass, acrylic, etc.)

G6标配喷头产能速度

G6 PRINTHEAD PRODUCTION SPEED

喷头配置 Printhead Config	PASS数	双向打印速度 Duplex printing	产能 (m²/h)productivity(m²/h)
双排-彩 (Double Row - Color)	4 PASS+L1羽化 4 PASS+L1 feathering	2000mm/s	85.5m²/h
	6 PASS+L1羽化 6 PASS+L1 feathering		57m²/h
四排-彩 (Four Rows - Color)	4 PASS+L1羽化 4 PASS+L1 feathering		175.5m²/h
	6 PASS+L1羽化 6 PASS+L1 feathering		117m²/h

设备应用行业

APPLICATION INDUSTRIES

广泛应用于广告标识、标识标牌、亚克力、PVC板;建材玻璃、瓷砖大理石、铝板墙板、背景墙;金属面板、眼镜五金、珐琅彩;家具板材、装饰画艺、油画布;礼品包装、工艺品玩具、酒瓶奖牌;皮革布料、无纺布、硅胶、鞋材箱包;手机外壳、数码外壳、键盘、耳机、充电宝;以及圆柱体等异形件多元场景。

Widely used in signage (acrylic, PVC), building materials (glass, tile, marble), metal (panels, hardware), furniture (boards, canvas), gifts (packaging, crafts), leather & fabric, electronics (cases, enclosures), and cylindrical items.

木板/Plank



KT板/KT Board



无机板/Inorganic board



瓷砖/Ceramic Tile



玩具/Toy

