

流水线视觉导带机/Inline Vision Conveyor-Belt UV Printer

YD-1319 流水线视觉导带UV打印机
Vision Belt UV Printer



AI智能算法 随意摆放 自动定位 打印速度120m²/h
(AI-powered algorithm, place freely, auto-positioning, print speed 120 m²/h)

机器配置

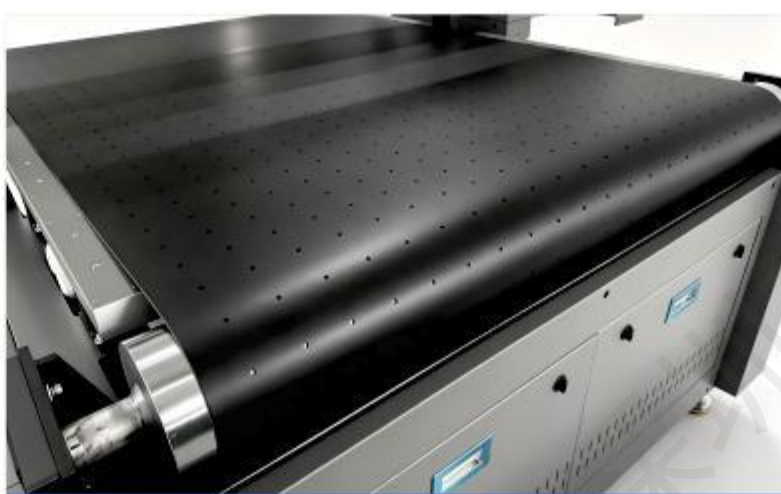
Machine Configuration



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 printhead: higher precision, faster speed; optional Kyocera/Konica/Epson, etc.



真空吸附导带

流水线连续作业, 搭配真空吸附导带, 自动上下送料, 薄软材料平整不移位

Inline continuous run, vacuum belt, auto load/unload, materials stay put.



一体成型横梁

一体成型, 淬火去应力处理, 刚性强、抗下垂, 长期高速打印不变形

One-piece, quenched & stress-relieved, rigid, anti-sag, stable for long-term high-speed printing.



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.



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.



精密伺服电机

伺服电机配行星减速器, 闭环驱动, 大扭矩低背隙, 高速稳定, 精度高

Servo+planetary reducer, closed-loop, high torque, low backlash, stable & precise.



负压供墨系统

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: antidrip/break, stable high-speed print, less nozzle clog.



视觉定位系统

AI算法加成, 定位精度高达0.1mm, 扫描速度达1500 mm/s, 随意摆放、自动识别

Accuracy to 0.1 mm, scan speed 1500 mm/s, free placement, auto-recognition.

技术参数

TECHNICAL SPECIFICATIONS

参数名称 DATA NAME	技术配置 TECHNICAL SPECIFICATIONS
设备型号 / Model	YD-1319流水线视觉导带UV打印机 (YD-1319 Vision Belt UV Printer)
打印尺寸 / Max. Print Size	宽1300X无限 (Width 1300X Infinite)
打印精度 / Print Resolution	635X600 dpi / 635X900 dpi / 635X1200 dpi / 635X2400 dpi
喷头配置 / Printhead Config	理光G6、2-8个 (Ricoh G6, 2-8 PCS)
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])
打印模式 / Printing Mode	边扫边打循序步进模式 (Sequential stepping mode for scanning and printing)
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)
升降功能 / Lift function	智能检测调整高度 (Intelligent Height Detection and Adjustment)
RIP软件 / RIP	PhotoPrint/蒙泰 (PhotoPrint/Montai)
介质厚度 / Media Thickness	0-180mm (0-180mm)
电源要求,功率 / Power Supply, Power	220V 50/60Hz, 4.8kw (220V 50/60Hz, 4.8kw)
净重,尺寸 / N.W. & Dim.	1550KG、3559[长]X2020[宽]X1624[高]mm (1550KG, 3559[L] X 2020[W] X 1624[H]mm)
适用介质 / Compatible Media	各类平面及异形不规则工件、塑胶/金属异形件、树脂工艺品、徽章标牌、工艺品等 (Various flat & irregular contoured workpieces: plastic/metal special-shaped parts, resin crafts, badges, nameplates and artwork.)

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小件、铭牌徽章、不干胶标签、PET软膜;日化包装瓶盖、口红管、香水瓶、各类异形容器;电子配件、开关面板、电路板标识、耳机充电宝外壳;五金饰品、纽扣鞋扣、珐琅挂件、奖牌筹码;文具礼品、笔杆尺子、工艺品摆件、玩具配件;皮革鞋材、无纺布、硅胶小件;还有各类零散工件、不规则小件、多规格混料产品,可实现流水线CCD视觉定位连续打印

Suitable for advertising sign blanks, nameplates, stickers, PET films; cosmetic caps, lipstick tubes, perfume bottles and shaped containers; electronic parts, switch panels, earphone & power bank shells; hardware ornaments, buttons, shoe buckles, enamel badges, medals; stationery, pens, craft & toy components; leather, non-woven fabric, silicone parts. It enables continuous CCD vision positioning printing for loose, irregular and mixed-spec small workpieces.

徽章/Badge



蓝牙耳机/Bluetooth headset



木板画/Wood Panel Painting



手机壳/phone case



标牌/Sign

