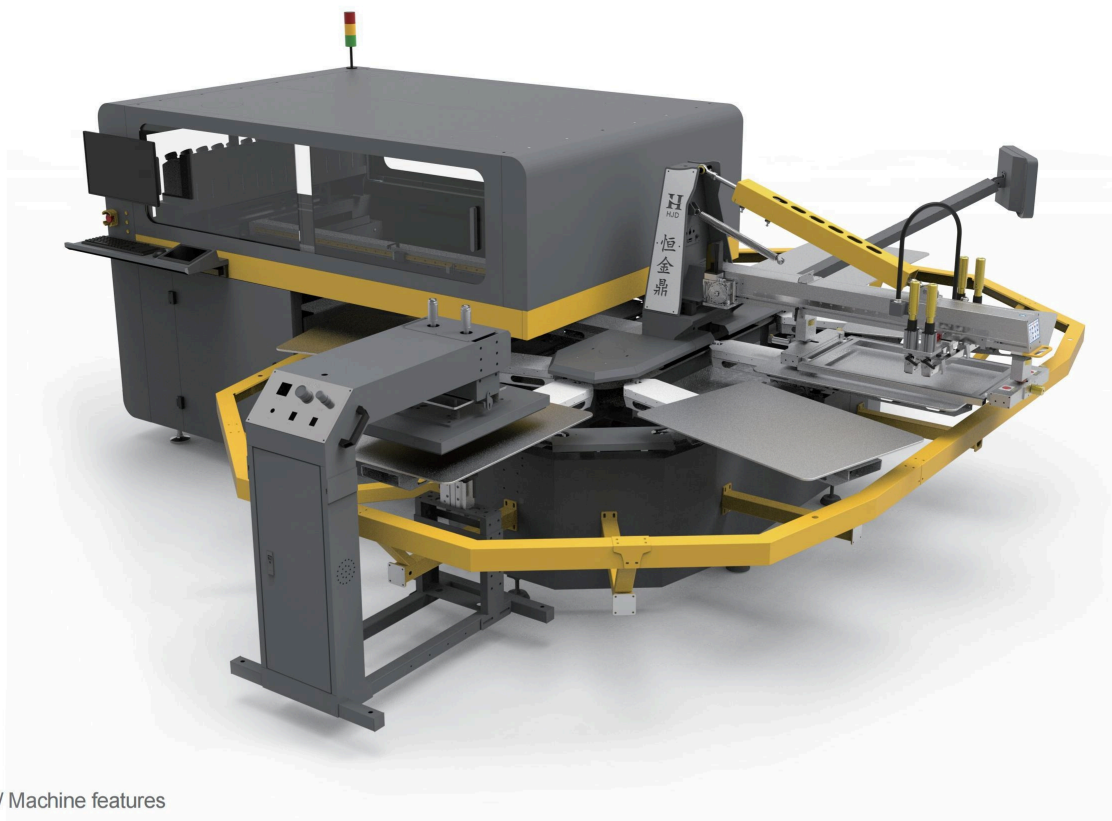


单色椭圆+数码 Monochrome Oval + Digital ▶

兄弟喷头Brother-KS1680H (3.5-19PL) X 8 Pcs



■ 机器特点 / Machine features

配备压烫功能, 支持拔染工艺, 印花成品透气舒适。
生产高效:

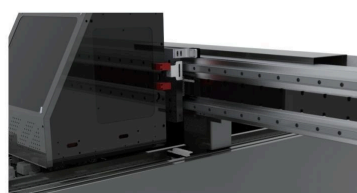
- ① 8 块台版交替作业, 即刮即印, 效率出众;
- ② 八头全彩机型, 黑白布产能可达 300 件; 四白四彩机型, 黑色面料产能 150 件、白色面料 200 件;
- ③ 标配 8 个喷头, 爱普生、兄弟品牌可选, 配置灵活

Equipped with hot stamping function and supports discharge printing; finished printed products are breathable and comfortable.

High production efficiency:

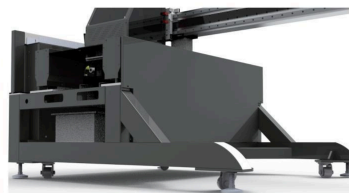
- ① 8 platens operate alternately, allowing immediate printing after scraping, delivering outstanding efficiency;
- ② 8-head full-color model: capacity of up to 300 pieces for black and white fabrics; 4-white & 4-color model: capacity of 150 pieces for black fabrics and 200 pieces for white fabrics;
- ③ Standard with 8 print heads, available in Epson or Brother brands, offering flexible configuration.

■ 机器优势 / Machine advantages



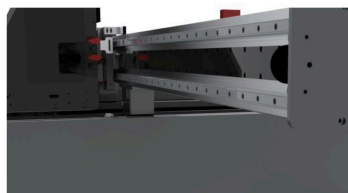
X轴磁悬浮电机: 高速, 静音,
相应快, 持久耐用

X-axis magnetic levitation motor:
high-speed, silent, responsive,
durable and long-lasting



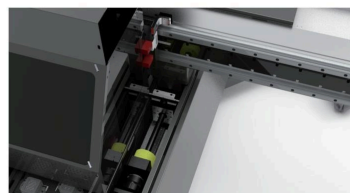
一体式CNC精加工钢机座,
整机高速运行稳定, 底座不变形

Integrated CNC Precision Machined Steel Machine Base,
with Stable High-Speed Operation and Unbending Base



THK静音精密导轨配CNC精加工铝合
金大梁, 直线平面度0.03高速运行不
卡顿, 精度稳定

THK silent precision guide rail matched with CNC
precision machined aluminum alloy beam, with
a linear flatness of 0.03 and stable accuracy
during high-speed operation without jamming

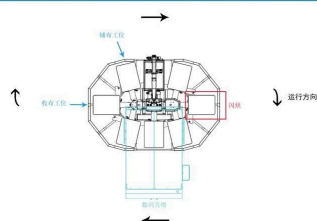


Y轴伺服电机配高精度研磨丝杆传动,
高速运行可靠, 丝杆精度0.018确保打印
图案细腻精准

Y-axis servo motor with high-precision grinding
screw drive, reliable high-speed operation, screw
accuracy of 0.018 ensures fine and accurate
printing patterns

■ 工艺流程 / Technological process

8头兄弟椭圆数码机白+彩工艺流程 8-Printhead Brother Hybrid dtg printer White+Color Process Flow



流程说明

Process description

铺布→刮印前处理液→烘表干→数码打印→收布
→隧道烘干→成品

Lay fabric → Apply pre-treatment solution → Table dry
→ Digital printing → Collect fabric → Tunnel drying
→ Finished product

单色椭圆+数码 Monochrome Oval + Digital

机器参数 / Machine parameters

产品型号 Product model		HJD-DP01-2		
喷头配置 Printhead configuration		兄弟喷头Brother-KS1680H (3.5-19PL)*8 Pcs		
墨水 Ink		四色 (CMYK) 涂料墨水 Four color (CMYK) Pig Ink	白色 (W) 涂料墨水 White (W) Pig Ink	四色 + 白 (CMYK+W) 涂料墨水 Four color+white(CMYK+W) Pig Ink
适合面料 Suitable for fabrics		棉、麻、涤纶、尼龙等/Cotton, linen, polyester, nylon, etc		
产能 Production capacity	急速模式 Rapid mode	900X1200Dpi / 2pass / 3.5s/pcs		900X1200Dpi / 2pass / 22s/pcs
	生产模式 (推荐) Production mode (recommended)	900X1800Dpi / 3pass / 6s/pcs		900X1800Dpi / 3pass / 34s/pcs
	精细模式 Fine mode	900X2400Dpi / 4pass / 6.5s/pcs		900X2400Dpi / 4pass / 46s/pcs
步进高度 Step height	驻留式打印 Resident printing	270mm		135mm (白 + 彩遍历模式White+Color Traversal Mode)
	扫描式打印 Scanning printing	40mm (2pass)		20mm (2pass)
椭圆机安装要求 Installation requirements for elliptical machine		拆椭圆机单边刮印臂或配套椭圆数码专用工位,椭圆台板最大误差≤20 丝 Dismantle the single-sided scraping arm of the elliptical machine or the matching elliptical digital special work station, with a maximum error of ≤20 threads for the elliptical table board		
喷头至介质高度 From nozzle to medium height		1.5mm~25mm 可调/Adjustable		
最佳喷射高度 Optimal spray height		4mm		
最大打印幅宽 Max print width		普通款:600x650mm,加长款:750x750mm (根据椭圆机数码工位外护栏位置而定) Regular: 600x650mm,Extended: 750x750mm(Subject to the outer guardrail position of oval digital machine station)		
板卡 Board		汉森/Hosonsoft		
RIP 软件 RIP software		小白印象/SPIDER RIP(标配/standard)、西班牙/Neostampa、蒙泰/Maintop		
喷头维护 Spray nozzle maintenance		全自动保湿盘 Fully automatic moisturizing tray		
喷头清洗 Spray nozzle cleaning		全自动清洗、全自动刮墨 Fully automatic cleaning, fully automatic ink scraping		
供墨系统 Ink supply system		虹吸供墨系统,带自动排气装置 Siphon ink supply system with automatic exhaust device		
传动系统 Transmission system	X-轴 X-axis	磁悬浮直线电机 / 以色列高创伺服驱动器 / 日本 THK 直线导轨 / 德国 SIKO 磁栅头 Magnetic levitation linear motor/Israeli high-tech servo drive/Japanese THK linear guide/German SIKO magnetic grid head		
	Y-轴 Y-axis	中国台湾 TBI 精密静音滚珠丝杆 / 日本富士伺服电机、驱动器 / 日本 THK 直线导轨 Taiwan, China TBI precision silent ball screw/Japan Fuji servo motor, driver/Japan THK linear guide		
	Z-轴 Z-axis	雷赛混合伺服电机 / 日本欧姆龙定位传感器 Lei Sai hybrid servo motor/Omron positioning sensor from Japan		
	保湿盘 Moisturizing plate	升降式免维护一体保湿盘 Lift-type maintenance-free integrated moisturizing tray		
工作环境 Working environment		温度:20~28℃(宜低);湿度:45%~65%(宜高) Temperature: 20~28℃ (preferably low); Humidity: 45%~65% (preferably high)		
报警系统 Alarm system		缺墨报警、伺服电机过载报警、喷车防撞、Y 轴行程防护、喷车升降保护 Low ink alarm, Servo motor overload alarm, Carriage anti-collision, Y-axis stroke protection, Carriage lifting protection		
特色功能 Featured features		独立的椭圆机信号交互/Independent elliptical machine signal interaction; 喷头水冷循环系统/Water cooling circulation system for printhead; PLC 人机交互控制界面/PLC human-machine interaction control interface; 8mm 高落差介质打印/8mm high drop medium printing;		
整机功率 Total machine power		≤3.5KW		
设备尺寸及重量 Device dimensions and Device weight		占地面积/Footprint: 4300(L)*4200(W)*1700(H)mm 打包尺寸/Packing Dimensions:单色椭圆/Monochrome ellipse:2500(L)*1500(W)*1600(H)mm;数码椭圆/Digital ellipse:2700(L)*1850(W)*1900(H)mm		
耗材用量 Consumable consumption		彩墨/Color Ink:1.8ml/pcs; 白墨/White Ink:3.8ml/pcs; 刮印浆料/Scraping paste:15g/pcs		

产品应用 / Product application

