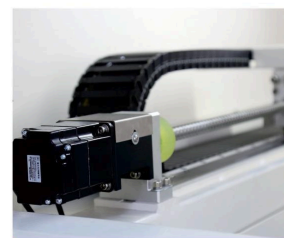
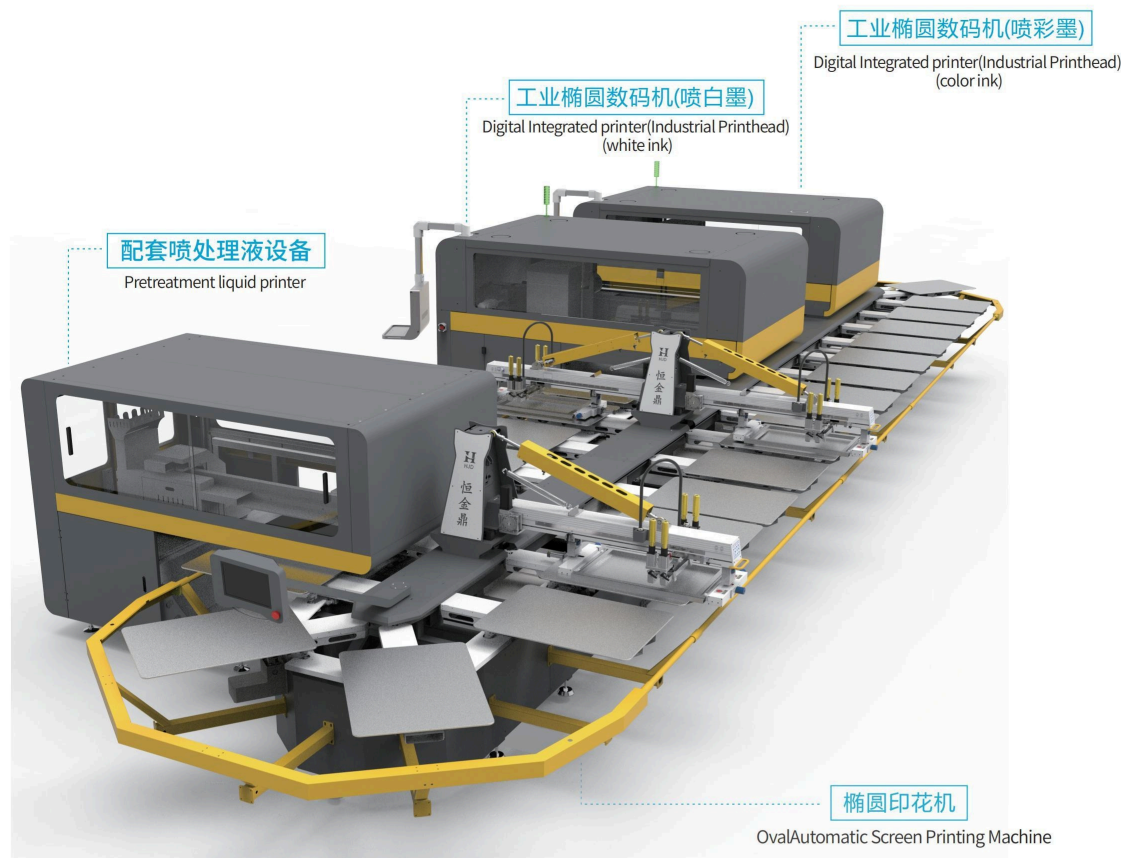


椭圆印花机+工业椭圆数码机

Oval Screen Printing Machine + Hybrid DTG Printer (Industrial Printhead)

机器优势

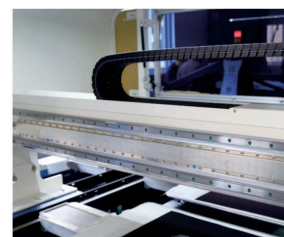
/ Machine advantages



日本富士伺服电机
Fujifilm servo motor

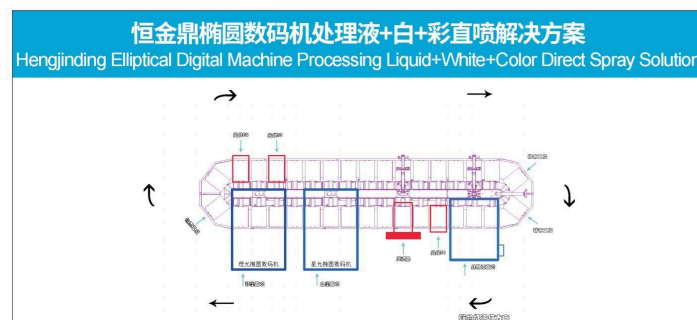
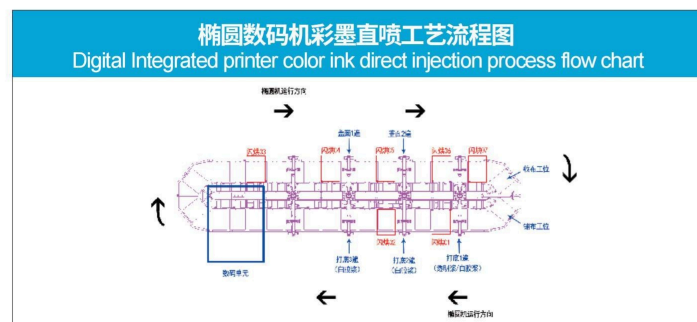


日本THK直线导轨
Japan THK linear guide rail



磁悬浮电机传动系统
magnetic levitation
motor drive system

工艺流程 / Technological process



椭圆印花机+工业椭圆数码机

Oval Screen Printing Machine + Hybrid DTG Printer (Industrial Printhead)

机器参数 / Machine parameters

产品型号/Product model		HJD-DP01-1				
喷头配置 Printhead configuration		日本理光G5 (7PL双色) /G6 (5PL双色) 工业喷头 / Japan Ricoh (7PL two-color) industrial printhead			美国星光1024MA (25PL) /Starfire 1024MA (25PL)	
		10、12、16颗/pcs	15颗/pcs	16、24颗/pcs	5颗/pcs	6颗/pcs
墨水 Ink		四色 (CMYK) 涂料墨水 4-color (CMYK) Pig Ink	六色 (CMYKOB) 涂料墨水 6-color (CMYKOB) Pig Ink	八色 (CMYKORGB) 涂料墨水 8-color (CMYKORGB) Pig Ink	白色 (星光专用) 涂料墨水 White (starfire special) Pig Ink	黑色 K、青色 C、红色 M、黄色 Y、白色 W (星光专用) 涂料墨水/Coating Ink (StarFire Special)
适合面料 Suitable for fabrics		棉、麻、混纺等 (含棉量不低于80%的布料均可) Cotton, linen, blended fabrics, etc. (fabrics with cotton content ≥80% are all applicable)				
产能 Capacity	急速模式 Fast mode	635X1200Dpi/4pass/3.5s/pcs			635X800 Dpi-2Pass 3s/pcs	635X1200 Dpi-3Pass 30s/pcs
	生产模式 (推荐) Production mode (recommended)	635X1800Dpi/6pass/5s/pcs			635X1600 Dpi-4Pass 5s/pcs	635X1600 Dpi-4Pass 40s/pcs
	精细模式 Fine mode	635X2400Dpi/8pass/6.5s/pcs			635X2400 Dpi-6Pass 8s/pcs	635X3200 Dpi-6Pass 60s/pcs
驻留模式 步进高度 Dwell mode step height	10喷头配置 Printhead configuration	250mm	/	/	(1pass打印高度) /1pass Printing Height	
	12喷头配置 Printhead configuration	300mm	/	/	喷头/Printhead:5颗/pcs 300mm (图案在300mm内是上述速度) 300mm (The above speed applies to patterns within 300mm)	
	15喷头配置 Printhead configuration	/	/	250mm	60mm (上述速度为A3尺寸图案) 60mm (The above speed is for A3 size patterns)	
	16喷头配置 Printhead configuration	400mm	200mm	/	喷头/Printhead:6颗/pcs 360mm (图案在360mm内是上述速度)	
	24喷头配置 Printhead configuration	/	300mm	400mm	360mm (The above speed applies to patterns within 360mm)	
椭圆机安装要求 Elliptical installation requirements		必须配备数码专用工位, 椭圆台板最大误差≤20丝 Must be equipped with a digital special station, the maximum error of the elliptical table ≤ 20 wires				
喷头至介质高度 Printhead to medium height		1.5mm-25mm可调adjustable				
最佳喷射高度 Optimum spray height		3mm				
最大打印幅宽 Maximum print width		700(椭圆台板宽) X820(椭圆台板高)mm (根据椭圆机数码工位外护栏位置而定) 700 (oval table width) X820 (oval table height) mm (depending on the position of the outer guardrail of the elliptical digital station)			700 (椭圆台板宽) X800(椭圆台板高) mm (根据椭圆机数码工位外护栏位置而定) 700 (oval table width) X800 (oval table height) mm (depending on the position of the outer guardrail of the elliptical digital station)	700 (台板宽) X750 (台板高) mm 700 (platen width) × 750 (platen height) mm
板卡 Board		博源恒芯 /BYHX				
RIP软件 RIP software		SPIDER RIP (小白印象) 蒙泰Maintop (标配/standard) /西班牙Neostampa			SPIDER RIP (小白印象) 蒙泰 7.0UV 版Maintop RIP 7.0 UV Version	
喷头维护 Printhead maintenance		全自动保湿盘/Automatic moisturizing tray			全自动保湿/Automatic Humidification 待机闪喷/Standby Flash Spray	
喷头清洗 Printhead Cleaning		全自动清洗/Automatic cleaning 全自动刮墨/Automatic wiper ink scraping			全自动清洗/Automatic Cleaning;全自动刮墨/Automatic Ink Wiping 喷头全自动保湿 (闲时自动保湿) / Automatic Printhead Humidification (Auto humidification in idle state)	
供墨系统 Ink supply system		工业气动负压供墨系统、补气最快只需0.01秒 Industrial pneumatic negative pressure ink supply system, the fastest air supply only takes 0.01 seconds			工业气动负压供墨系统, 循环双负压墨水R-jet喷头内循环 Industrial pneumatic negative pressure ink supply system, circulating dual negative pressure ink internal circulation for R-jet printhead.	
传动系统 Drivetrain	X轴 X-axis	磁悬浮直线电机/日本松下伺服驱动器/日本THK直线导轨/德国SIKO磁栅头 Magnetic levitation linear motor/Japan Panasonic servo drive/Japan THK linear guide/Germany 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 TBI precision silent ball screw / Japan Fuji servo motor, drive / 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 Lessa hybrid servo motor/Japan OMRON positioning sensor				
	保湿盘 Moisturizing tray	抽屉式可伸缩保湿盘 (部分机型) /升降式保湿盘 Drawer-type retractable moisturizing tray (partial models) / Lifting type moisturizing tray			抽屉式可伸缩保湿盘 Drawer-type retractable moisturizing tray	
耗气量 Air consumption		0.6Mpa, 50L/Min (干燥、无油、无水汽 dry, oil-free, moisture-free)				
空气过滤装置 Air filtration device		进气口配备油水分离器 The air inlet is equipped with an oil-water separator				
工作环境 Working environment		温度/Temperature: 20-28 °C (宜低/should be low); 湿度/Humidity: 45%-65% (宜高/should be 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;单色压墨清洗;任意停机不流墨不堵头且封头保湿后可长期停机; 断气喷头保护装置:打印过程中或待机过程中主气源断气不会有任何影响。 Independent oval machine signal interaction; single-color pressure ink cleaning; no ink leakage or printhead clogging after arbitrary shutdown, and long-term shutdown is available after printhead moisturizing; air cutoff printhead protection device: no impact at all if the main air source cuts off during printing or standby mode.			独立的椭圆机信号交互;液位落差型喷头内循环供墨系统;单组压墨清洗;为星光喷头特殊设计的 清洗排气装置;任意停机不流墨不堵头且封头保湿后可长期停机;断气喷头保护装置:打印过程中 或待机过程中主气源断气不会有任何影响。 Independent signal interaction with oval machine;Liquid level drop type printhead internal circulation ink supply system;Single-group pressure ink cleaning;Special designed cleaning and exhaust device for StarFire printheads;No ink leakage or nozzle clogging after random shutdown, and long-term shutdown is supported after printhead moisturizing;Air cutoff printhead protection device: the main air source cutoff during printing or standby will not cause any impact.	
整机功率 The power of the whole machine		单相220V/6KW/28A;理光G5/12 6.5kw;星光1024MA 5.5kw Single-phase 220V/6KW/28A;Ricoh G5/12: 6.5kW;Starfire 1024MA: 5.5kW				
设备尺寸及重量 Device dimensions and Device weight		占地尺寸Floor size: 3000mm(L) *2200mm(W) *2200mm(H); 装箱尺寸packing size: 3300mm (L) *2150mm (W) *2100mm (H) 净重Net weight : 1200kg ; 包装重量Packing weight : 1350kg				
耗材用量 Consumption of consumables		胶浆打底/Base Priming: 彩色墨水/Color Ink: 4.5ml/pcs/A3Size 数码打底白胶浆/Digital White Base: 40g/pcs/A3Size 数码打底透明浆/Digital Clear Base: 30g/pcs/A3Size 数码盖面浆/Digital Top Coat: 10g/pcs/A3Size			数码拔染/Digital Discharge: 彩色墨水/Color Ink: 4.5ml/pcs/A3Size 数码拔染前处理液/Discharge Pre-treat Liquid: 15ml/pcs/A3Size 数码拔染浆/Discharge Paste: 15g/pcs/A3Size	网点透气/Dot Breathable: 彩色墨水/Color Ink: 4.5ml/pcs/A3Size 网点数码浆/Dot Digital Paste: 15g/pcs/A3Size

椭圆印花机配套设备及工具

Elliptical printing machine supporting equipment and tools



◆ 高端闪烘炉(380V/25A) Portable Curing Devicer



◆ 椭圆压烫机(220V/15A) Automatic press press

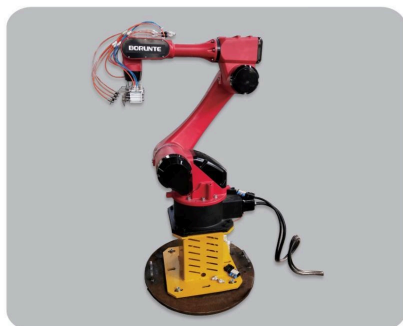


规格500*600*260 / 电压220V / 功率2KW / 输入电流0-1A
Specifications 500*600*260 / input voltage 220V / power 2KW / input current 0-1A

◆ 植绒机 (植毛面积350x450mm)
Flocking machine (Flocking area350x450mm)



◆ 吹毛机(220V/2A) Blowing willow



◆ 机械手 (揭布)
Manipulator(uncovering)



◆ 铺布投影/激光定位二选一
Spread the cloth projection/Laser positioning



◆ 压布辊 Presser roll

Oval Screen Printing Machine + Hybrid DTG Printer (Industrial Printhead)

■ 机器参数 / Machine parameters

产品型号Product model: HJD-A1

项目 Model	标准板on-gauge plate														大台板Big bedplate														超大台板 Super bedplate													
	2S	4S	6S	8S	10S	12S	14S	16S	18S	20S	22S	24S	26S	28S	2S	4S	6S	8S	10S	12S	14S	16S	18S	20S	22S	24S	2S	4S	6S	8S	10S	12S	14S	16S	18S	20S	22S					
台板数目 Plate Quantities	10	16	22	28	34	40	46	52	58	64	70	76	82	88	12	18	24	30	36	42	48	54	60	66	72	78	12	18	24	30	36	42	48	54	60	66	72					
可印数目 Printing Number	2	4	6	8	10	12	14	16	18	20	22	24	26	28	2	4	6	8	10	12	14	16	18	20	22	24	2	4	6	8	10	12	14	16	18	20	22					
印刷面积(cm) Printing Size	57*70														63*90														88*115													
台板面积(cm) Nax Frame	63*86.5														70*105														95*130													
机器长度(cm) Machine length(cm)	712	935	1158	1381	1604	1827	2050	2273	2496	2719	2942	3165	3388	648	894	1140	1386	1632	1878	2124	2370	2616	2862	3108	3354	748	1046	1344	1642	1940	2238	2536	2834	3132	3430	3728						
机器宽度(cm) Machine width	330														367														403													
机器高度(cm) Machine Height	156														161														161													
机器重量(千克) Machine weight(kg)	1828	2583	3338	4093	4848	5603	6358	7113	7868	8623	9378	10133	10888	1650	2495	3340	4185	5030	5875	6720	7565	8410	9255	10100	10945	2130	3160	4190	5220	6250	7280	8310	9340	10370	11400	12430						
耗气量m³/分钟 Air consumption (m3/minute)	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45	0.5	0.55	0.6	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45	0.5	0.55					
总耗电量(千瓦/小时) Total power Consumption (KW/hour)	2.7	3.5	4.3	5.2	5.9	6.7	7.5	8.5	9.8	10.6	11.4	12.2	13	13.8	2.7	3.5	4.3	5.2	5.9	6.7	7.5	8.5	9.8	10.6	11.4	13.8	2.7	3.5	4.3	5.2	5.9	6.7	7.5	8.5	9.8	10.6	11.4					
供电参数 Power supply parameters	三相380V/50HZ (Three phase 380V/50HZ)																																									
气压规格 Air pressure Specification	0.6-0.8Mpa (必须经过干燥处理和过滤It must be dried and filtered)																																									
印头驱动 Print Head Driver	单印头伺服电机400 WSingle head servo motor 400W																																									
最大产能 Pradu ction capacity	500-700 件/小时 (pieces/hour)																																									
最大部件尺寸 Maximum component size	271*150*156cm														246*150*161cm														298*182*161cm													
最大部件重量 Maximum unit weight	420kg														480kg														595kg													