

导带印花机 High Speed Digital Direct Textile Printer ▶



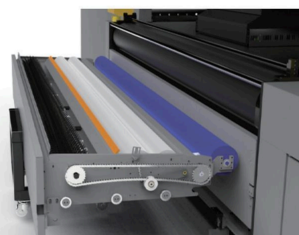
■ 机器优势 / Machine advantages



前进布超高预警, 车头两侧扫描超高防护等
Forward deployment of ultra-high warning,
scanning of both sides of the front of the vehicle
for ultra-high protection, etc



采用钢铝复合梁, 轨道面精度高,
结构稳定, 经久耐用
Adopting steel aluminum composite beams,
the track surface has high precision, stable
structure, and durability



增加刮刀装置清理导带上的残留的布毛布屑,
减少烘干所需时间和温度, 使清洗效果更好
Add a scraper device to clean the residual cloth
debris on the guide tape, reduce the time and
temperature required for drying to achieve
better cleaning results



面料超高时, 小车会快速原地急停并将喷头升
到最高后回到原点保湿, 处理完成面料
异常后可继续继续打印
When the fabric is too high, the car will quickly stop in place
and raise the spray cart to the highest position before
returning to the origin for moisture preservation.
After handling the abnormal fabric, printing can continue

■ 机器特点 / Machine features

工业导带机特色功能:

随动摊布辊装置;
单色压墨;
即时布高监测系统;
防蹭布喷头自动升高;
一键关机;
导带全自动上胶;
全自动导带清洗;
快捷键喷车/刮片便捷维护;
任意停机不流墨不堵头且可长期停机;
报警状态可一键消音;
布料翘起超高临时避高;
负压独立开关;

Industrial belt guide features:

Follow-up spreading roller device;
Monochrome pressing ink;
Real-time height monitoring system;
Anti-rubbing sprinkler head automatically rises;
One key shutdown;
Guide belt automatic gluing;
Automatic belt cleaning;
Shortcut keys spray car/scrapper convenient maintenance;
Any stop does not flow ink plug and can be long-term shutdown;
Alarm state can mute with one key;
Cloth warped high temporary to avoid high;
Negative pressure independent switch;

导带印花机

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■ 机器参数 / Machine parameters

产品型号/Product model		HJD-DP13	
喷头配置/Printhead configuration		日本京瓷(KJ4B-EX600)工业喷头16头 Japan Kyocera (KJ4B-EX600) Industrial Printhead 16 heads	日本京瓷(KJ4B-EX600)工业喷头32头 Japan Kyocera (KJ4B-EX600) Industrial Printhead32heads
墨水/ink	涂料 (标配) Pigment (standard)	四色 (CMYK) 涂料墨水 八色 (CMYKORBK双黑色) 涂料墨水 (可选专色、浅色) Four color (CMYK) paint ink Eight color (CMYKORBK double black) Paint ink (spot color, light color optional)	
	活性Reactive	四色 (CMYK) 活性墨水 八色 (CMYKORGB) 活性墨水 (可选专色、浅色) Four-color (CMYK) reactive ink / eight-color (CMYKORGB) reactive ink (selectable spot color, light color)	
	酸性Acid	四色 (CMYK) 酸性墨水 八色 (CMYKORGB) 酸性墨水 (可选荧光色、专色、浅色) Four-color (CMYK) acid ink / eight-color (CMYKORGB) acid ink (optional fluorescent, spot, light)	
	高温分散 Hi/gh temperature dispersion	四色 (CMYK) 高温分散墨水 八色 (CMYKORGB) 高温分散墨水 (可选荧光色、专色、浅色) Four-color (CMYK) high-temperature disperse ink / eight-color (CMYKORGB) high-temperature disperse ink (optional fluoresent, spot, light)	
适合面料/Suitable for fabrics		棉、麻、毛、丝、涤纶、混纺、尼龙等/Cotton, Linen, Wool, Silk, Polyester, Blended, Nylon	
产能 (四色模式) Capacity (four-color mode)	急速模式 Fast mode	508X1200 Dpi / 1pass - 540m ² /H	508X1200 Dpi / 1pass - 1010m ² /H
	生产模式 (推荐) Production mode (recommended)	508X2400 Dpi / 2pass -270m ² /H	508X2400 Dpi / 2pass -505m ² /H
产能 (八色模式) Capacity (8-color mode)	急速模式 Fast mode	600X600 Dpi / 1pass -450m ² /H	600X600 Dpi / 1pass -850m ² /H
	生产模式 (推荐) Production mode (recommended)	600X1200 Dpi / 2pass -225m ² /H	600X1200 Dpi / 2pass -450m ² /H
喷头至介质高度/Printhead to medium height		2.0mm~20mm可调/adjustable	
最佳喷射高度/Optimum spray height		3mm	
板卡/Control Board		博源恒芯/BYHX、汉森/Hosonsoft	
RIP软件/software		西班牙/Neostampa、蒙泰/Maintop	
喷头维护/Printhead maintenance		全自动保湿盘/Fully automatic moisturizing tray	
喷头清洗/Printhead cleaning		全自动清洗、刮墨/Full automatic cleaning and ink scraping	
供墨系统/Ink supply system		工业负压供墨、墨水脱气系统(配置美国PALL原装脱气膜) Industrial negative pressure ink supply, ink degassing system (equipped with original American PALL degassing membrane)	
传动系统 Drivetrain	X轴/axis	迪茨磁悬浮直线电机/高创伺服驱动器/日本THK直线导轨/德国进口SIKO磁栅头 Dietz magnetic levitation linear motor / Kollmorgen servo drive / Japanese THK linear guide / imported German SIKO magnetic head	
	Y轴/axis	日本Nyoschichi精密减速机/信捷伺服电机/瑞士进口导带/主、从动气胀轴伺服收放卷 Japanese Nyoschichi precision reducer / Xinje servo motor / imported Swiss guide belt / servo unwinding & winding with driving & driven air shafts	
	Z轴/axis	步进电机/日本欧姆龙定位传感器 Stepper motor/Japanese Omron positioning sensor	
	布厚测高装置 Cloth thickness altimeter	德国倍加福超声波传感器/日本基恩士激光传感器 German Pepperl+Fuchs ultrasonic sensor / Japanese Keyence laser sensor	
	保湿盘 Moisturizing tray	主动气缸式升降保湿盘/独立式刮墨装置/日本欧姆龙定位传感器 Active cylinder-type lifting moisturizing tray / independent ink scraping device / Japanese Omron positioning sensor	
供水压力/ Water supply pressure		0.6Mpa, 1m ³ /H	
墨桶容积/Ink barrel volume		5L	15L
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℃ (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、行程防护、喷车升降保护、布料超高保护、打印中即时保护 Ink shortage alarm, travel lift protection, fabric over-height protection, real-time protection during printing	
特色功能 Featured features		触摸屏人机信号交互;随动摊布辊装置;单色压墨清洗;即时布高监测系统;喷头防撞;;导带全自动上胶;全自动导带清洗;停机不流墨不堵头且可长期停机保湿;报警状态可一键消音;负压独立开关;喷头水冷循环散热系统 (安装在喷头两侧);视觉定位打印系统 (选配);进布对中装置 (选配); Touch screen human-machine signal interaction;Follow-up cloth spreading roller device;Single-color ink pressure cleaning;Real-time cloth height monitoring system;Nozzle collision prevention;Fully automatic guide belt cleaning;Fully automatic guide belt cleaning;No ink leakage or nozzle clogging during shutdown, with long-term shutdown moisturizing;One-key mute for alarm status;Independent negative pressure switch;Nozzle water-cooled circulation heat dissipation system (installed on both sides of nozzles);Visual positioning printing system (optional);Cloth feeding centering device (optional)	
最大打印幅宽/Maximum print width		1810mm/2610mm (可选/Optional) /3210mm (可选/Optional)	
整机功率/The power of the whole machine		打印机-7KW / 导带烘干-10KW/隧道烘干机-9KW Printer - 7KW/Guide Belt Dryer - 12KW Tunnel Dryer - 9KW	打印机-10KW / 导带烘干-10KW/隧道烘干机-18KW Printer - 10KW/Guide Belt Dryer - 10KW Tunnel Dryer - 11KW
主机尺寸/重量/Host size/weight		4360*2600*2000mm /3300KG	5160*2600*2000mm /4500KG
隧道烘干尺寸/重量/Tunnel drying size/weight		2430*3300*1170mm /950KG	2700*3300*1170 mm /1200KG
导带机包装尺寸/重量/Belt MachineTunnel drying size/weight		3.2m导带机包装尺寸/Belt Machine PackingSize:6830*2340*2300mm——重量/Weight:7吨/ tons	
耗材用量/Consumables usage		彩色墨水/Color ink:18ml/m ² ;处理液/Processing liquid:150ml/m ²	
电源要求/Power requirements		三相380V±5%, 50Hz/60Hz / Three-phase 380V±5%, 50Hz/60Hz	
电脑配置 PC configuration	操作系统operating system	windows7、8、10 64bit 专业版/Professional	
	硬件要求 Hardware requirements	512G以上高速固态硬盘、32G (DDR4) 双通道内存条、2G以上独立显存显卡、酷睿i7-12代以上处理器 High-speed solid-state drive of 512GB or above, 32GB (DDR4) dual-channel memory module, graphics card with independent video memory of 2GB or above, Intel Core i7 12th generation or higher processor	
	传输接口Transport interface	USB3.0高速接口/High-speed interface	
		USB3.0高速接口x2/High-speed interfacex2	

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■ 机器参数 / Machine parameters

产品型号Product model		HJD-DP13	
喷头配置/Printhead configuration		日本理光G6工业喷头16头(可选装8头) Japan Ricoh G6 industrial nozzle 16 heads (optional 8 heads)	日本理光G6工业喷头32头(可选装8/16头) Japan Ricoh G6 industrial nozzle 32 heads (optional 8/16 heads)
墨水/ink	涂料 (标配) Pigment (standard)	四色 (CMYK) 涂料墨水//八色 (CMYKORGB) 涂料墨水 (可选专色、浅色、双黑色) Four-color (CMYK) paint ink / eight-color (CMYKORGB) paint ink (selectable spot color, light color, double black)	
	活性 Reactive	四色 (CMYK) 活性墨水//八色 (CMYKORGB) 活性墨水 (可选专色、浅色) Four-color (CMYK) reactive ink / eight-color (CMYKORGB) reactive ink (selectable spot color, light color)	
	酸性 Acid	四色 (CMYK) 酸性墨水//八色 (CMYKORGB) 酸性墨水 (可选荧光色、专色、浅色) Four-color (CMYK) acid ink / eight-color (CMYKORGB) acid ink (optional fluorescent, spot, light)	
	高温分散 High temperature dispersion	四色 (CMYK) 高温分散墨水//八色 (CMYKORGB) 高温分散墨水(可选荧光色、专色、浅色) Four-color (CMYK) high-temperature disperse ink / eight-color (CMYKORGB) high-temperature disperse ink (optional fluorescent, spot, light)	
适合面料/Suitable for fabrics		棉、麻、丝、涤纶、混纺、尼龙等/Cotton, linen, silk, polyester, blend, nylon, etc	
产能 (四色模式) Capacity (four-color mode)	急速模式/Fast mode	508X600 Dpi / 2pass - 317㎡/H	508X600 Dpi / 2pass - 610㎡/H
	生产模式 (推荐) Production mode (recommended)	508X900 Dpi / 3pass -210㎡/H	508X900 Dpi / 3pass -380㎡/H
	精细模式/Fine-grained mode	508X1200 Dpi / 4pass -158㎡/H	508X1200 Dpi / 4pass -300㎡/H
产能 (八色模式) Capacity (8-color mode)	急速模式/Fast mode	635X900 Dpi / 3pass -210㎡/H	635X900 Dpi / 3pass -410㎡/H
	生产模式 (推荐) Production mode (recommended)	635X1200 Dpi / 4pass -158㎡/H	635X1200 Dpi / 4pass -300㎡/H
	精细模式/Fine-grained mode	635X1800 Dpi / 6pass -80㎡/H	635X1800 Dpi / 6pass -150㎡/H
喷头至介质高度/Printhead to medium height		3mm~25mm可调/adjustable	
最佳喷射高度/Optimum spray height		3mm	
板卡/Control Board		博源恒芯/BYHX	
RIP软件/software		西班牙Neostampa、蒙泰Maintop	
喷头维护/Printhead maintenance		全自动保湿盘/Fully automatic moisturizing tray	
喷头清洗/Printhead cleaning		全自动清洗、全自动刮墨/Fully automatic cleaning, automatic ink scraping	
供墨系统/Ink supply system		工业气动负压供墨、脱气系统, 补气最快只需0.01秒 Industrial pneumatic negative pressure ink supply and degassing system, the fastest replenishment only takes 0.01 seconds	
可选配置/Optional configuration		墨盒加热/The cartridge is heated	
传动系统 Drivetrain	X轴/axis	迪茨磁悬浮直线电机/Dietz magnetic levitation linear motor/高创伺服驱动器/high-tech servo drive/ 德国进口力士申直线导轨/German imported Lux linear guide/德国进口SIKO磁栅头/German imported SIKO magnetic grid head	
	Y轴/axis	日本Nyoschichi精密减速机/Japan Nyoschichi precision reducer / 信捷伺服电机/Xinje servo motor / 瑞士哈巴斯特导轨/ Swiss Habast guide belt / 主、从动气胀轴伺服收放卷/ Servo Wind/Unwind with Driving & Driven Air Shafts	
	Z轴/axis	步进电机/日本欧姆龙定位传感器/Stepper motor/Japanese Omron positioning sensor	
	布厚测高装置 Cloth thickness altimeter	德国进口倍加福超声波传感器/日本进口基恩士激光传感器 Ultrasonic sensors imported from Germany / Keyence laser sensors imported from Japan	
	保湿盘 Moisturizing tray	四轴升降保湿盘/雷赛混合伺服电机/日本欧姆龙定位传感器 Four-axis lifting moisturizing disc / Raysai hybrid servo motor / Japan OMRON positioning sensor	
供水压力/Water supply pressure		0.6MPa, 1m³/H	
墨桶容积/Ink barrel volume		5L (八色) / 15L (四色) / 5L (8 colors) / 15L (4 colors)	
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℃ (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、行程防护、喷车升降保护、布料超高保护、打印中即时保护 Lack of ink alarm, stroke protection, spray car lift protection, fabric ultra-high protection instant protection in printing	
特色功能 Featured features		触摸屏人机信号交互; 随动摊布辊装置; 自动测量卷布卷径、布厚; 单色压墨; 即时布高监测系统; 防蹭布 喷头自动升高; 自定义打印长度停机控制; 一键关机; 导带全自动上胶; 全自动导带清洗; 快捷键锁车/刮片 便捷维护; 任意停机不流墨不堵头且可长期停机; 报警状态可一键消音; 布料翘起超高临时避高; 负压独立开关; 针织布料收放卷系统 (选配) ; Touch screen HMI signal interaction; Follow-up fabric spreading roller device; Automatic detection of roll diameter and fabric thickness; Single color ink pressure control; Real-time fabric height monitoring system; No rubbing on fabric, automatic nozzle height rise; Custom print length stop control; One-click shutdown; Fully automatic guide belt gluing; Fully automatic guide belt cleaning; Shortcut keys for carriage/scrapper, easy maintenance; No ink leakage and no nozzle clogging at arbitrary stop, support long-time shutdown; One-click alarm silence; Temporary height avoidance for warped over-height fabric; Independent negative pressure switch; Knitted fabric winding and unwinding system (optional)	
最大打印幅宽/Maximum print width		1810mm	2610mm
整机功率/The power of the whole machine		打印机printer-6.5KW / 导带烘干Conduction belt drying-10KW 隧道烘干机Tunnel dryer-12KW	打印机printer-8.5KW / 导带烘干Conduction belt drying-12KW 隧道烘干机Tunnel dryer-18KW
主机尺寸/重量/Host size/weight 隧道烘干尺寸/重量/Tunnel drying size/weight		4950*2650*2000 mm 3300KG 2430*3300*1170 mm 950KG	5760*2650*2000 mm 4000KG 2700*3300*1170 mm 1200KG
耗材用量 Consumables usage		彩色墨水: 20ml/平方米 处理液: 150ml/平方米 / Color ink: 20ml/ m2 Processing liquid: 150ml/ m2	
电源要求/Power requirements		三相/Three-phase380V±5%, 50Hz/60Hz 8kw	三相/Three-phase380V±5%, 50Hz/60Hz 11kw
电脑配置 PC configuration	操作系统 operating system	windows7、8、10 64bit专业版/Professional	
	硬件要求 Hardware requirements	500G以上固态硬盘、16G主频2400hz以上双通道内存条、2G以上独立显存、酷睿i7处理器 (推荐2.8Ghz以上频率) 500G or more SSD, 16G dual-channel memory module with a clock frequency of 2400hz or more, independent video memory above 2G, Core i7 processor (recommended frequency above 2.8Ghz)	
	传输接口 Transport interface	USB3.0高速接口/high-speed interface	