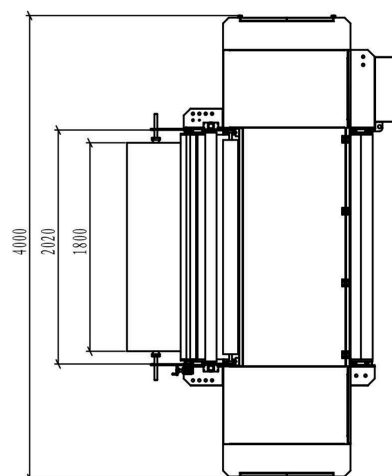
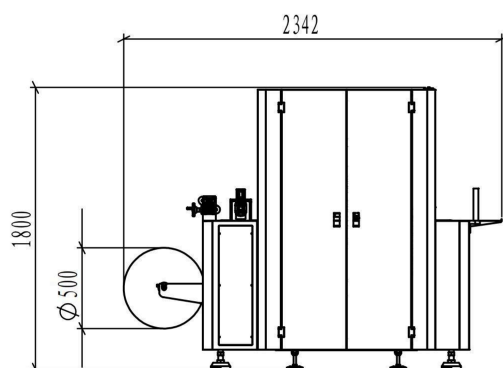


导带印花机 High Speed Digital Direct Textile Printer

(Epson i3200-A1*16)



Max Roll Diameter: 500mm
小卷放卷最大卷径500mm



机器示意图
Machine schematic diagram

■ 机器特点 / Machine features

- 1、X轴使用磁悬浮直线电机传动，设备运行更平稳、静音，终身免维护；
- 2、Y轴采用日本德世博尔高精密行星斜齿减速机，稳定的步进轴控制，超高耐久度，超低噪音；
- 3、一体式清洗保湿槽和气缸式刮片座，一次可以刮完所有喷头，节省清洗所需时间、高液位持久保湿喷头；
- 4、优选瑞士RAPPLON原装进口导带，耐用持久，精度高，一条导带用终身；
- 5、标配缺墨报警功能，墨水快使用完前提前报警通知；
- 6、采用工业级负压供墨系统，轻松应对各类恶劣环境，为高速打印保驾护航
- 7、四重喷头保护系统：激光传感器布高实时监测，小车两侧防撞，出布口超高传感器，出布口防过拉保护辊；
- 8、设备打印幅宽从1.8米到3.2米全覆盖，多种工艺全兼容：涂料、活性、高温分散、酸性；
- 9、支持4、8色打印输出，支持安装8、12、16、24喷头高速打印，最高时速至300 ↑ 平米/小时；
- 1.X-axis is driven by magnetic levitation linear motor, more smoothly, silently, and free of maintenance for life;
- 2.Y-axis is with Japan DESBOER high-precision planetary helical gear reducer, stable stepper axis control, ultra-high durability, and ultra-low noise;
- 3.Integrated cleaning and moisturizing tank and cylinder-type scraper seat can scrape all nozzles at one time, saving time. High liquid level ensures long-lasting moisture;
- 4.The guide belt is Swiss RAPPLON, which is durable and high-precision, and can last for a lifetime;
- 5.Ink shortage alarm function can alarm you before the ink is used up;
- 6.Industrial-grade negative pressure ink supply system ensures high-speed printing in various environments;
- 7.Quadruple nozzle protection system: laser sensor for real-time monitoring of cloth height, anti-collision on both sides of the trolley, ultra-height sensor at the cloth outlet, and anti-overpull protection roller at the cloth outlet;
- 8.The printing width ranges from 1.8 to 3.2 meters. Can be used in a variety of processes: pigment, reactive, disperse and acid ink printing.
- 9.4-color or 8-color output; 8, 12, 16 or 24 heads can be installed; The maximum speed exceeds 300 m²/h.

导带印花机

High Speed Digital Direct Textile Printer

机器参数 / Machine parameters

产品型号Product model		HJD-DP13-1	
喷头配置/Printhead configuration		日本爱普生i3200-A1喷头16头(可选装8头)/Japan EPSON i3200-A1 Nozzle 16 heads (optional 8 heads)	
墨水/ink	涂料 (标配) Pigment (standard)	四色 (CMYK) 涂料墨水 / 八色 (CMYKORBK) 涂料墨水 (可选专色、浅色) Four-color (CMYK) paint ink / CMYKORBK paint ink (optional spot color, light color)	
	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 (4-color mode)	急速模式/Fast mode	360X1200 Dpi / 2pass - 180m³/H	
	生产模式 (推荐) Production mode (recommended)	360X1800 Dpi / 3pass -130m³/H	
	精细模式/Fine-grained mode	—	
产能 (八色模式) Capacity (8-color mode)	急速模式/Fast mode	720X900 Dpi / 3pass -130m³/H	
	生产模式 (推荐) Production mode (recommended)	720X1200 Dpi / 4pass-90m³/H	
	精细模式/Fine-grained mode	—	
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/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、补气最快只需0.01秒 Industrial pneumatic negative pressure ink supply , 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/高创伺服驱动器/德国进口力士乐直线导轨/德国进口SIKO磁栅头 Dietz magnetic levitation linear motor/high-tech servo drive/German imported Lux linear guide/ German imported SIKO magnetic grid head	
	Y轴/axis	日本Nyoshichi精密减速机/Japan Nyoshichi precision reducer/信捷伺服电机/Sunjet servo motor/ 瑞士哈巴斯特导带/Switzerland Habast guide belt/主、从动气胀轴伺服收放卷/main and slave pneumatic shaft servo rewinding	
	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	
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:50%~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、打印中即时保护 Ink shortage alarm, stroke protection, spray car lifting protection, instant protection in printing	
特色功能 Featured features		单色压墨;导带全自动上胶;全自动导带清洗;任意停机不流墨不堵头且可长期停机;负压独立开关; Monochrome ink pressure; Fully automatic gluing of the tape guide; Fully automatic tape cleaning; Any shutdown without ink flow or blockage, and can be stopped for a long time; Negative pressure independent switch;	
最大打印幅宽/Maximum print width		1810mm/2610mm	
整机功率/The power of the whole machine		打印机/printe : 5.5KW 导带烘干/Conduction belt drying: 7KW 隧道烘干机/Tunnel dryer: 10KW	打印机/printer : 5.5KW 导带烘干/Conduction belt drying : 9KW 隧道烘干机/Tunnel dryer : 12KW
主机尺寸/重量/Host size/weight		4000*2200*1750 mm 2300KG	4800*2200*1750 mm 3000KG
隧道烘干尺寸/重量/Tunnel drying size/weight		2430*3300*1170 mm 950KG	2700*3300*1170 mm 1200KG
耗材用量/Consumables usage		12ml/m²	
电源要求/Power requirements		三相380V±5%, 50Hz/60Hz 3-phase AC 380V±5%, 50Hz/60Hz	
电脑配置 PC configuration	操作系统 operating system	windows7、8、10 64bit专业版/bit Pro	
	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	