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CMYK-330

Single Pass Paper Bag Digital Printer
Single Pass 纸袋数码印刷机

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CMYK-330

Single Pass Paper Bag Digital Printer

Single Pass纸袋数码印刷机

330mm

最大打印宽度
Max Printing Width



输送台
Feeder Table



工艺流程图 Process Flowchart



机器说明 Machine Description

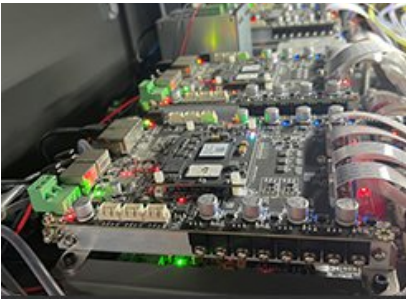
纸袋数码印刷机是一种无需制版的喷墨印刷设备，专为纸袋、手提袋等包装产品设计。通过CMYK四色喷墨技术，可直接将电子文件（如图案、文字、可变数据）高速印刷在牛皮纸、防油纸、可降解材料等吸水性材质表面。支持单/双面印刷，适用于小批量定制、个性化LOGO、可变数据印刷等场景，大幅降低传统印刷的起订门槛。

The digital paper bag printing machine is a plate-free inkjet printing system designed specifically for packaging products such as paper bags and tote bags. Using CMYK four-color inkjet technology, it can directly print electronic files (such as designs, text, and variable data) at high speed onto absorbent surfaces such as kraft paper, greaseproof paper, and biodegradable materials. Supporting single- or double-sided printing, it is suitable for small-batch customization, personalized logos, and variable data printing, significantly reducing the minimum order requirement for traditional printing.



机器特点 Machine Features

1. 采用PLC控制系统，自主研发的专用主板，拥有专利保护，市场独有，稳定性好，具备独立的图像羽化功能和可变数据打印功能，支持多任务连续打印。
 2. 独创的墨水回路循环技术，能有效消除墨水中的微小气泡和墨水回路中的空气，并以稳定均衡的负压值持续向打印头供墨。
 3. 打印机具备自动清洗、自动润湿功能，喷嘴设计寿命超过1.5年。打印机配备打印头保护装置，防止打印头被材料刮伤或损坏。
 4. 自主研发的送纸带（已获专利）具有高精度自动偏差校正功能，吸纸孔布局合理，确保打印材料在输送过程中更加稳定。
 5. 先进的色彩管理引擎和色彩处理工具，提供友好易用的色彩控制。先进的抖动模式可实现逼真的图像输出，完全自定义的打印设置可增强打印效果。支持多种介质和打印模式的CC配置文件，并兼容第三方RIP软件。
 6. 3.5升大容量六供墨系统，配备环保颜料墨水和染料墨水。采用进口优质水性原料，使打印效果更生动，色彩饱和度更高。同时，不产生VOC废气，无需担心环保问题。
 7. 打印机配备灵敏的自动校准系统、自动打印定位系统，并配备多个传感器，可实现精准定位和打印。
 8. 全数字单程打印机，开机即可打印，打印成本低，速度快，生产效率高，无需制版，可导入图片进行打印。单幅图像最大打印长度为20米。最大打印精度为600dpi*1200dpi，最快打印速度为50米/分钟。
 9. 专业自动送纸器具有快速、稳定、均匀的送纸特性，提高了打印效率，节省了人工送纸的成本。打印机采用全钢一体化结构，坚固耐用。机身设计有多个重要部件的维护窗口，方便维护。
1. Adopt P.L.C control system. self-developed special motherboard, patent protection. unique in the market, good stability, self-contained image feathering function and variable data printing. support multi-task continuous printing.
 2. The original ink circuit circulation technology can effectively eliminate the small air bubbles in the ink and the air in the ink circuit and continuously supply ink to the print head with a stable and balanced negative pressure value.
 3. The printer has automatic cleaning, automatic moisturizing, and the design life of the nozzle is more than 1.5 years. The printer is designed with a print head protection device to prevent the print head from being scratched and damaged by materials.
 4. The self-developed feeding belt (patented) has a high-precision automatic deviation correction function and a reasonable layout of suction holes to ensure that the printing material is more stable during transportation.
 5. Advanced color management engine and color processing tools, manage colors with friendly and easy-to-use color control. advanced dithering mode for phot-realistic output, fully customized print settings, enhance printing effect. CC profiles for various media and print modes, supporting use of third-party RIP software.
 6. 3.5L large-capacity ink supply system, equipped with environmentally friendly pigment ink and dye ink. Imported high-quality water based raw materials are used to make the printing effect more vivid and the color saturation higher. At the same time, no VOC waste gas is generated, and there is no need to worry about environmental protection issues"
 7. The printer is equipped with a sensitive automatic calibration system, an automatic printing positioning system, and equipped with multiple sensors to accurately position and print.
 8. Fully digital single pass printer, it can print when it is turned on, the printing cost is low, the speed is fast, the production efficiency is high, no need for plate making, and it can be printed by importing pictures. The max printing length of a single image is 20m. The max printing accuracy is 600dpi*1200dpi and the fastest printing speed is 50m/min
 9. The professional automatic feeder has fast, stable and uniform feeding characteristics, which improves printing efficiency and saves the cost of manual feeding. The structure of the printer is all steel integrated, strong and durable. The fuselage is designed with multiple maintenance windows for important components, which is convenient for maintenance.



自主研发的专用打印机主板，拥有专利保护，国内独家，与机器完美匹配，稳定性强。具备自动图像羽化功能和自动间隙打印功能，支持多任务连续打印，并可自动切换打印图片，无需间接操作。

Self-developed special-purpose printer motherboard, patent protection, domestic exclusive, perfect fit with the machine, strong stability. It comes with automatic picture feathering function and automatic gap printing, supports multi-task continuous printing, and automatically switches and prints pictures without indirection.



这款i3200型打印头经爱普生授权，采用独特的可变墨滴技术（VSDT），支持4级灰阶打印，色彩过渡平滑，饱和度高，无色差，能够呈现更多图像细节。该打印头内置墨水循环功能，确保长时间打印时墨水能够持续稳定输出。

Original i3200 printhead authorized by Epson, unique variable size droplet technology (VSDT), 4-level grayscale printout, smooth color transition, high saturation, no color difference, able to present more picture details. The printhead has a built-in ink circulation function to ensure that the print head can continuously and stably output ink when printing for a long time.



该打印机配备自动负压循环供墨系统，可自动排出墨水通道中的空气，防止打印头堵塞。打印头可自动清洁和加湿，设计寿命超过2年。

The printer is equipped with an automatic negative pressure circulation ink supply system, which can automatically discharge the air in the ink path to prevent the print head from being clogged. The print head is automatically cleaned and moisturized, and the design life of the print head is more than 2 years.



高清触摸屏集成了各种功能控制单元，配备PLC操作系统，操作简便，可定制编程，兼容性强，可与其他设备配合使用。

The high-definition touch screen integrates various functional control units, equipped with a PLC operating system, easy to operate, customizable programming, strong compatibility, and can be used with other equipment.



这是一款全数码单程打印机，开机即可打印，打印成本低，无需制版，生产效率高，可导入图片进行打印。最高打印精度为600dpi*1200dpi，最快打印速度为50米/分钟。

Fully digital single pass printer, it can print when it is turned on, the printing cost is low, no plate making is required, the production efficiency is high, and the pictures can be imported and printed. The maximum printing precision is 600dpi*1200dpi, and the fastest printing speed is 50m/min.



先进的色彩管理引擎和色彩处理工具，友好易用的色彩控制，以及用于实现逼真输出的高级抖动模式。完全可自定义的打印设置，提供适用于各种介质和打印模式的 ICC 配置文件，并支持使用第三方 RLP 软件。

Advanced color management engine and color processing tools, friendly and easy-to-use color control, advanced dithering mode for photo-realistic output. Fully customizable print settings, ICC profiles available for various media and print modes, support for use of third-party RIP software



3.5升大容量供墨系统，配备环保颜料墨水和染料墨水。采用进口优质水性原料，使打印效果更生动，色彩饱和度更高。同时，不产生VOC废气，无需担心环保问题。

3.5L large-capacity ink supply system, equipped with environmentally friendly pigment ink and dye ink. Imported high-quality water-based raw materials are used to make the printing effect more vivid and the color saturation higher. At the same time, no VOC waste gas is generated, and there is no need to worry about environmental protection issues



Pigment 颜料

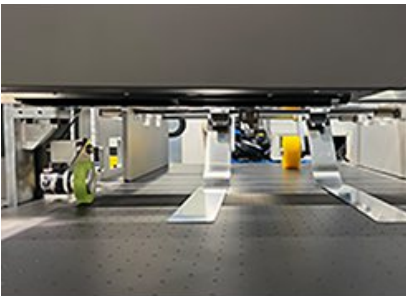
它采用安全、无毒、环保的水性油墨。采用CMYK四色印刷，印刷品可堆肥、可回收。

It Uses Safe, Non-Toxic And Eco-Friendly Water-Based Inks. With CMYK 4-Color Printing, The Printed Products Are Compostable and Recyclable.



该设备配备了自主研发并获得相关专利的穿孔输送带，具有自动偏差校正功能，并配合打印平台的吸力功能，可将材料精确地送至打印头底部，实现精确打印。

Equipped with a self-developed perforated conveyor belt that has obtained relevant patents, it has an automatic deviation correction function, and cooperates with the suction function of the printing platform to accurately send the material to the bottom of the print head for precise printing.



压力轮和压力片的组合设计使得材料在快速输送时能够平稳稳定地通过打印头下方，防止打印头损坏。

The combined design of the pressure wheel and the pressure sheet enables the material to pass under the print head smoothly and stably when it is conveyed rapidly, preventing damage to the printhead.



专业自动送纸器具有送纸速度快、送纸稳定、送纸均匀的特点，提高了印刷效率，节省了人工送纸的成本。

The professional automatic feeder has fast, stable and uniform feeding characteristics, which improves printing efficiency and saves the cost of manual feeding.



打印机采用全钢一体化结构，坚固耐用。机身设计有多个重要部件的维护窗口，方便维护保养。

The structure of the printer is all steel integrated, strong and durable. The fuselage is designed with multiple maintenance windows for important components, which is convenient for maintenance.



主要打印参数 Main Printing Parameters



最大打印宽度: 330mm
Max Printing Width Of 330mm



最大打印速度: 40m/min
Max Printing Speed Of 40m/min



最大进纸宽度: 680mm
Max Feeding Width Of 680mm



最大打印高度: 150mm
Max Printing Height Of 150mm



最大打印分辨率: 1200dpi*1200dpi
Max Printing Resolution Of 1200dpi*1200dpi



颜料墨水和染料墨水可选
Pigment Ink And Dye Ink Are Optional







技术参数 Main Technical Parameters

数码单程纸箱打印机	Digital Single Pass Carton Printer	CMYK-330	
应用	Application	瓦楞纸板、牛皮纸袋、成品纸盒、纸板、披萨盒、牛皮纸盒以及一些哑光纸材料..... Corrugated Cardboard, Craft Paper Bags, Ready-made Boxes, Cardboard ,pizza Boxes, Kraft Carbadoard, And Some Matte Paper Material	
打印头型号	Printhead Model	爱普生i3200 打印头	Epson i3200 Head
打印头寿命	Head Lifetime	2 年保修	2 years
墨水	Ink	水性墨水 (颜料墨水) Water Besed ink(pigment ink)	
爱普生打印头优势	Epson Head Advantage	<ol style="list-style-type: none"> 1. Epson 授权原装 3200-A1 打印头, 可变墨点, 4 级灰度打印。 Epson authorized original 3200-A1 print head, variable ink dots, 4-level grayscale printing. 2. 支持可变数据打印, 多任务连续打印。 Support variable data printing, multi-task continuous printing 3. 自动清洗、自动保湿、自动负压供墨系统。 Automatic cleaning,automatic moisturizing, automatic negativepressure ink supply system. 4. 自主研发的专用打印主板。Self-developed special printing motherboard 5. 多项专利技术保护 A number of patented technology protection 	
墨水消耗量	Ink Consumption	颜料墨水: 1 升墨水可打印 200 平方米, 一套墨水 (CMYK) 可打印 800 平方米 (100% 覆盖率) Pigment: 1 L ink print 200 sqature meter, 1 set of ink(CMYK) print 800 square meter (100% cover)	
打印颜色	Printing Color	CMYK	
打印头数量	Quantity Of Printheas	10个	10 pcs
打印页面宽度	Printing Page Width	最大330mm	Up to 330 mm
最大材料宽度	Max Material Width	680mm	
毛重	Gross Weight	600KG	
功率	Power	3.5KW	
打印软件	Print Software	赛福莱克照片打印软件	Sai Flexi photo print software
介质厚度	Media Thickness	1-80mm	
打印速度	Print Speed	高速: 30米/分钟 (1200*300dpi) 中速: 15米/分钟 (1200*600dpi) 低速: 5米/分钟 (1200*1200dpi)	High Speed: 30m/min (1200*300dpi) Medium Speed: 15m/min (1200*600dpi) Low Speed: 5m/min (1200*1200dpi)
包装尺寸	Package Size	1.126*2.15*1.5m	
自动进纸器	Auto Feeder	可选	Optional
应用	Application	小型纸盒、纸板、瓦楞纸盒、扇形杯纸等自动送纸器 Auto Feeder For The Small Size Carton, Cardboard, Corrugated Paper Box ,fan Cup Paper...	
最大材料宽度	Max Material Width	680mm	
电压/功率	Voltage/power	电压220伏, 功率2.2千瓦, 单相	Voltage 220v, Power 2.2kw 1 Phase
包装尺寸	Package Size	0.85*0.85*1.2m	100kg
电子系统	Electronics System	UMC 品牌 Brand.	
维护	Maintenance	打印头清洁、日常维护	Head Clean, Daily Maintenance
保修	Warranty	机器保修一年, 打印头和墨水系统除外。 The Machine Has 1 Year Warranty, Except The Head And Ink System	



设备占地规划 Machine Floor Plan

