



HP Stitch S1000 126-in Printer

Take your application range to the next level with 3.2-m dye-sub production printing



Produce high-quality jobs, gain high versatility

- With a single device, print on both transfer paper and direct-to-fabric with great results.
- Enhance your backlit saturation performance on direct-to-fabric thanks to the contact heater.¹
- Get deep blacks, vivid colours, and high-resolution with 1200 native dpi printheads and the Drop & Dry system.
- Reliable image quality at speed with a Smart Nozzle Compensation system and Optical Media Advance Sensor Plus.

Meet your deadlines with high productivity

- Fast turnaround production with very short start-up times² and speeds up to 220 m²/hr.³
- Help increase your uptime with user-replaceable printheads and HP preventive maintenance support.⁴
- Confidently print unattended with spreader rollers, 10-liter ink supplies, and rolls up to 300 kg.
- Double throughput on substrates up to 1.6 m with the dual roll option.

Save time with easy operation

- In 40% less time, a single operator can easily load both transfer and textile rolls.²
- Distribute jobs over the fleet, get colour consistency with built-in spectrophotometer/HP Configuration Center.
- Control your print operations virtually anytime, anywhere and make data-driven decisions with HP PrintOS.⁵

For more information, please visit <http://www.hp.com/go/stitches1000>

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: <http://www.hp.com/learn/ds>

¹ Applicable to the backlit media included in the HP Media Solutions Locator, see <http://www.hp.com/go/mediasolutionslocator>.

² Very short start up times compared to alternative 126-inch dye-sublimation based textile printers under \$250,000 USD available as of July, 2020. Preparation time including 40% less loading time, printhead cleaning, and warm up time. This is based on internal HP testing in July, 2020 and features including automatic media tension adjustment and easy, simple media path, automatic and optimised printhead cleaning, and warm up in parallel with loading. Testing was performed measuring the time from starting the printer loading process until the printer starts printing, and measuring time with a chronometer.

³ Production-Economy print mode, 2-pass, 50%, for certain patterns of curtains and upholstery for interior décor applications. Based on internal HP testing in February, 2019 on transfer paper (Coldenhove Jet-X 57 grams, 126-in/3.2-m width).

⁴ Individual services may be provided by HP or an HP-authorized partner. Some services depend on printer, service contract, and region availability.

⁵ HP PrintOS is available in both web and mobile app view and needs the printer to be connected to the Internet. The HP PrintOS Mobile Application is compatible with Android™ 4.0 or later and iPhone mobile devices running iOS 8 or later.

Technical specifications

Print

Printing modes	350 m ² /hr - Max Speed (1-pass) 220 m ² /hr - Production Economy (2-pass) 160 m ² /hr - Production Fast (3-pass) 130 m ² /hr - Production Quality (4-pass) 100 m ² /hr - High Quality (6-pass)
Print resolution	Up to 1200 x 600 dpi
Ink types	HP Dye Sub Inks
Ink cartridges	4 (cyan, magenta, yellow, black)
Cartridge size	10 L
Printheads	4 HP Thermal Inkjet (2 cyan/black, 2 magenta/yellow)
Long-term print-to-print repeatability	Average \leq 1 dE2000, 95% of colours \leq 1.5 dE2000 ¹

Media

Handling	Roll-to-roll, ink collector
Media types	Sublimation transfer papers, sublimation polyester fabrics
Roll size	635 to 3200 mm
Roll weight	300 kg (661 lb)
Roll diameter	35 cm
Thickness	Up to 0.5mm
Stretchability	Winding direction up to 5%; Cross winding direction up to 10%; Diagonal up to 10%

Applications

Banners; Billboards; Displays; Exhibition and event graphics; Exterior signage; Interior decoration; POP/POS; Textile

Connectivity

Interfaces	Gigabit Ethernet (1000Base-T)
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Dimensions (w x d x h)

Printer	574 x 138 x 167 cm
Shipping	586 x 181 x 191 cm
Operating area	8.74 x 4.38 m

Weight

Printer	1370 kg
Shipping	2015 kg

What's in the box

HP Stitch S1000 126-in Printer, printheads, printhead cleaning kit, 126-in spindles (x2), spreader rollers, ink collector, set of ink collector foams and filters, aerosol extractor channel, HP Internal Print Server and monitor, documentation software, user manual, media edge holders (x4), cleaning supplies, pneumatic gun, beacon

Environmental ranges

Operating temperature	15 to 30°C
Operating humidity	20 to 70% RH (non-condensing)

Acoustics

Sound pressure	<68 dB(A) (operating), <58 dB(A) (idle)
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Power

Consumption	5.5 kW (typical) transfer paper; 6.5 kW (typical) direct-to-fabric
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Certification

Safety	IEC 60950-1+A1+A2 and IEC 62368-1, 2nd Ed. compliant; United States and Canada (CSA listed); EU (LVD and MD compliant, EN60950-1, EN 62368-1, EN12100-1, EN60204-1, and EN10101); Russia, Belarus and Kazakhstan (EAC)
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Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM)
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Environmental	WEEE; China RoHS; EAEU RoHS; EU RoHS; REACH; CE marking compliant
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Warranty

6 month warranty with 6 month service contract

Ordering information

Product

1D3A8A	HP Stitch S1000 126-in Printer
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Accessories

324P9A	HP Stitch S1000 Extraction System Carbon Filter Kit
41A09A	HP Stitch S1000 Ink Collector Foam Kit
71C63A	HP Ergosoft Pro RIP S1000 Color Edition
CZ059A	HP Series 1000/3000 126-in Carbon Fiber Spindle
D9241B	HP Large Format Onyx Thrive RIP Software
T0F91A	HP Series 1000 Dual Roll Kit

Original HP printing supplies

4UV63A	HP 638 10-liter Black Stitch Dye Sublimation Ink Cartridge
4UV64A	HP 638 10-liter Cyan Stitch Dye Sublimation Ink Cartridge
4UV65A	HP 638 10-liter Magenta Stitch Dye Sublimation Ink Cartridge
4UV66A	HP 638 10-liter Yellow Stitch Dye Sublimation Ink Cartridge
4UV67A	HP 618 Magenta and Yellow Stitch Dye Sublimation Printhead
4UV68A	HP 618 Black and Cyan Stitch Dye Sublimation Printhead
4UV69A	HP 618 Stitch Dye Sublimation Printhead Cleaning Kit

ECO highlights

- ECO PASSPORT certified dye sublimation inks¹
- Free, convenient HP ink cartridge and printhead recycling²

Please recycle printing hardware and eligible printing supplies. Find out how at our website: <http://www.hp.com/ecosolutions>

¹ Original HP Dye Sublimation Inks for the HP Stitch S Printer series are certified ECO PASSPORT by Oeko-Tex,[®] which is a globally uniform testing and certification system for textile chemicals, colourants, and auxiliaries. It consists of a two-step verification procedure that analyses whether the compounds and each ingredient meet specific criteria for sustainability, safety, and regulatory compliance.

² Program availability varies. Please check <http://www.hp.com/recycle> for details.

³ The colour variation inside a printed job has been measured at 4-pass mode on transfer media and also in direct-to-fabric situations within this limit: maximum colour difference (95% of colours) \leq 1.5 dE2000. Reflective measurements on a 943 colour target under CIE standard illuminant D50, and according to the standard CIEDE2000 as per CIE Draft Standard DS 014-6/E-2012. 5% of colours may experience variations above 1.5 dE2000. Backlit substrates measured in transmission mode may yield different results. Results are dependent on sublimation process variability.

