

# HP Stitch S1000 126-in Printer

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



\*Product image may differ from actual product

## 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.<sup>1</sup>
- 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 times<sup>2</sup> and speeds up to 220 m<sup>2</sup>/hr.<sup>3</sup>
- Help increase your uptime with user-replaceable printheads and HP preventive maintenance support.<sup>4</sup>
- 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.<sup>2</sup>
- 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.<sup>5</sup>

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>

## Messaging Footnotes

<sup>1</sup> Applicable to the backlit media included in the HP Media Solutions Locator, see <http://www.hp.com/go/mediasolutionslocator>.  
<sup>2</sup> 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.  
<sup>3</sup> 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).  
<sup>4</sup> Individual services may be provided by HP or an HP-authorized partner. Some services depend on printer, service contract, and region availability.  
<sup>5</sup> 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.

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



# Technical specifications

Print	
Print speed	350 m²/hr - Max Speed (1-pass); 220 m²/hr - Production Economy (2-pass); 160 m²/hr - Production Fast (3-pass); 130 m²/hr - Production Quality (4-pass); 100 m²/hr - High Quality (6-pass);
Print resolution	Up to 1200 x 600 dpi
Technology	HP Dye Sub Printing Technologies
Ink types	HP Dye Sub Inks
Print Cartridges/Bottle, Number	4 (cyan, magenta, yellow, black)
Print cartridge/bottle volume	10 L
Ink drop	12 pl
Printheads	4 HP Thermal Inkjet (2 cyan/black, 2 magenta/yellow)
Long-term print-to-print repeatability	Average ≤ 1 dE2000, 95% of colours ≤ 1.5 dE2000 <sup>1</sup>
Media	
Applications	Banners; Billboards; Displays; Exhibition and event graphics; Exterior signage; Interior decoration; POP/POS; Textile
Handling	Roll-to-roll, ink collector
Media rolls	1
Roll size	635 to 3200 mm;
Maximum roll weight	300 kg (661 lb);
Maximum roll diameter	35 cm;
Maximum media width	3.2 m;
Thickness	Up to 0.5mm;
Stretchability	Winding direction up to 5%; Cross winding direction up to 10%; Diagonal up to 10%
Media types	Sublimation transfer papers, sublimation polyester fabrics
Connectivity	
Interfaces	Gigabit Ethernet (1000Base-T)

## Ordering information

Product	
1D3A8A	HP Stitch S1000 126-in Printer
Accessories	
4J0X0A	HP 126-in Dual Roll Kit
4R4W4A	HP 126-in Spindle
4R4W7A	HP 126-in Diverter Roller
4TA09A	HP Stitch S1000 Ink Collector Foam Kit
7JC63A	HP Ergosoft Pro RIP S1000 Color Edition
D9Z41B	HP Large Format Onyx Thrive RIP Software
G1K80B	HP 126-in Dual Roll Spindle
L5E74C	HP Large Format Caldera Grand RIP Software
Original HP printing supplies	

Dimensions (W x D x H)	
Product	574 x 138 x 167 cm;
Shipping	586 x 181 x 191 cm;
Operating area	8.74 x 4.38 m;
Weight	
Product	1370 kg;
Shipping	2015 kg;
Included	
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	Printing: <68 dB(A) (operating), <58 dB(A) (idle)
Power	
Consumption	5.5 kW (typical) transfer paper; 6.5 kW (typical) direct-to-fabric
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 EN1010); Russia, Belarus and Kazakhstan (EAC)
Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM)
Environmental	WEEE; China RoHS; EAEU RoHS; EU RoHS; REACH; CE marking compliant
Warranty	6 month warranty with 6 month service contract

4UV67A  
4UV68A  
4UV69A  
5ZS58A

HP 618 Magenta and Yellow Stitch Dye Sublimation Printhead  
HP 618 Black and Cyan Stitch Dye Sublimation Printhead  
HP 618 Stitch Dye Sublimation Printhead Cleaning Kit  
HP 638B 10-liter Magenta Stitch Dye Sublimation Ink Cartridge

Use Original HP inks and printheads, and HP large format printing materials, to experience consistent high quality and reliable performance that enable less downtime. These critical components are designed and engineered together as an optimized printing system, and Original HP inks are designed to maximize the life of HP printheads. Protect your HP printer investment by using Original HP inks for full HP warranty protection. For more information, visit <https://hp.com/go/OriginalHPInks>

HP Support Services offer installation and extended support services (e.g. 2, 3, 4, and 5 years). For more information, please visit <http://www.hp.com/go/cpc>

## Specification Footnotes

<sup>1</sup> 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) ≤ 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.

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