HP Stitch S1000 Printer

Superwide dye–sub production printing designed to simplify your operation

Beat client expectations with high-quality prints

- Produce high-value jobs with 1.200 native dpi, deep black, and vivid colours.
- Get sharp results, even when printing high-density jobs direct-to-fabric, with the Drop & Dry system.
- Reliable image quality with the Smart Nozzle Compensation system and the latest Optical Media Advance Sensor.

Meet deadlines with high productivity

- Easily handle short deadlines and seasonal peaks with production speeds up to 220 m²/hr (2.370 ft²/hr).
- Maximise uptime with user-replaceable printheads and HP Service Edge preventive maintenance support.[1]
- Confidently print unattended with the spreader rollers, 10-liter ink supplies, and rolls up to 300 kg (661 lb).
- Control your print operations anytime, anywhere and make data-driven decisions with HP PrintOS.[2]

Save time with easy operation[3]

- In 40% less time, a single operator can easily load and unload both transfer paper and textile rolls.[3]
- Reduce daily manual interventions with fully automated printhead maintenance.
- Confidently distribute jobs across the fleet with best-in-class colour consistency[3] and HP SmartColor tools.
- Get accurate colours over time, even as environmental conditions change, with the built-in spectrophotometer.

For more information, please visit http://www.hp.com/go/stitchs1000

[1] End-to-end service experience managed by HP. Individual services may be provided by HP or an HP-authorised partner. Some services depend on printer, service contract, and region availability.
[2] The HP PrintOS Mobile Application is compatible with Android™ 4.0 or later and iPhone mobile devices running iOS 8 or later and requires the printer and the smart phone to be connected to the Internet.
[3] Compared to alternative 320 cm (126-in) dye-sublimation based textile printers under €250,000 available as of February, 2019. 40% less time based on internal HP testing in February, 2019 and features including automatic media tension adjustment and easy, simple media path. Only the HP Stitch S Printer series provides HP SmartColor tools and a built-in spectrophotometer for a better colour management experience.

Technical specifications

Print

Printing modes	350 m²/hr (3770 ft²/hr) - Max Speed (1-pass) 220 m²/hr (2370 ft²/hr) - Production Economy (2-pass) 160 m²/hr (1720 ft²/hr) - Production Fast (3-pass) 130 m²/hr (1400 ft²/hr) - Production Quality (4-pass) 100 m²/hr (1080 ft²/hr) - High Quality (6-pass)
Print resolution	Up to 1200 x 600 dpi
Ink types	HP Dye Sub Inks
Ink cartridges	4 HP Thermal Inkjet (cyan, magenta, yellow, black)
Cartridge size	10 L
Printheads	4 (2 black/cyan, 2 magenta/yellow)
Long-term print-to-print repeatability	Average ≤ 1 dE2000, 95% of colours ≤ 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 rolls (25 to 126 in rolls)
Roll weight	300 kg (661 lb)
Roll diameter	35 cm (13.8 in)
Thickness	Up to 0.5 mm
Applications	Banners; Billboards; Displays; Exhibition and event graphics; Exterior signage; Interior decoration; POP/POS; Textile

Connectivity

Interfaces	Gigabit Ethernet (1000Base-T)

Dimensions (w x d x h)

Printer	574 x 138 x 167 cm (228 x 54 x 66 in)
Shipping	586 x 181 x 191 cm (231 x 71 x 75 in)
Operating area	8,7 x 4,3 m (344 x 168 in)

Weight

Printer	1300 kg (2866 lb)
Shipping	1945 kg (4288 lb)
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 30ºC (59 to 86ºF)
Operating humidity	20 to 70% RH (non-condensing)

Acoustics

Sound pressure	<64 dB(A) (operating), <52 dB(A) (idle)

Power

Consumption	6 kW (typical)

Certification

Safety	IEC 60950-1+A1+A2 compliant; EU (LVD and MD compliant, EN60950-1, EN12100-1, EN60204-1, and EN1010); Russia, Belarus and Kazakhstan (EAC)
Electromagnetic	Compliant with Class A requirements, including: EU (EMC Directive)
Environmental	WEEE; EU RoHS; REACH; CE marking compliant
Warranty	6 month warranty with 6 month service contract

Ordering information

Product

4DC17A	HP Stitch S1000 126-in Printer

Accessories

4TA09A	HP Stitch S1000 Ink Collector Foam Kit
7JC63A	HP Ergosoft Pro RIP S1000 Color Edition
D9Z41B	HP Large Format Onyx Thrive RIP Software

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 Stitch Dye Sublimation Printhead
4UV69A	HP 618 Stitch Dye Sublimation Printhead Cleaning Kit
5ZS55A	HP 638B 10-liter Black Stitch Dye Sublimation Ink Cartridge
5ZS56A	HP 638B 10-liter Cyan Stitch Dye Sublimation Ink Cartridge
5ZS58A	HP 638B 10-liter Magenta Stitch Dye Sublimation Ink Cartridge
5ZS59A	HP 638B 10-liter Yellow Stitch Dye Sublimation Ink Cartridge

Original HP large format printing materials

HP Stitch S Series Lightweight Sublimation Paper
HP Stitch S Series Sublimation Paper
HP Stitch S Series Tacky Sublimation Paper

For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.

ECO highlights

- ECO PASSPORT certified dye sublimation inks[1]
- Free, convenient HP ink cartridge and printhead recycling[2]

Please recycle large-format printing hardware and 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.

[1] 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.