Datasheet

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 1200 native dpi, deep black, and vivid colors.
- 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 2370 ft²/hr (220 m²/hr).
- Maximize uptime with user-replaceable printheads, and preventive maintenance from HP Smart Services.
- Confidently print unattended with the spreader rollers, 10-liter ink supplies, and rolls up to 600 lb.

Save time with easy operation[1]

- In 40% less time, a single operator can easily load and unload both transfer paper and textile rolls.[1]
- Reduce daily manual interventions with fully automated printhead maintenance.
- Confidently distribute jobs across the fleet with best-in-class color consistency[1] and HP SmartColor tools.
- Get accurate colors over time, even as environmental conditions change, with the built-in spectrophotometer.

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

[1] Compared to alternative 126-inch dye-sublimation based textile printers under $250,000 USD 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 color management experience.

Technical specifications

Print

Printing modes	3770 ft²/hr (350 m²/hr) - Max Speed (1-pass) 2370 ft²/hr (220 m²/hr) - Production Economy (2-pass) 1720 ft²/hr (160 m²/hr) - Production Fast (3-pass) 1400 ft²/hr (130 m²/hr) - Production Quality (4-pass) 1080 ft²/hr (100 m²/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 colors ≤ 1.5 dE2000[1]

Media

Handling	Roll-to-roll, ink collector
Media types	Sublimation transfer papers, sublimation polyester fabrics
Roll size	25 to 126 in (635 to 3200 mm)
Roll weight	Up to 660 lb (126-in roll); Up to 220 lb (63-in roll)
Roll diameter	(13.8 in (35 cm)
Thickness	Up to 0.5mm (Up to 19.7 mil)
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	228 x 54 x 66 in (574 x 138 x 167 cm)
Shipping	231 x 71 x 75 in (586 x 181 x 191 cm)
Operating area	344 x 168 in (8.7 x 4.3 m)

Weight

Printer	2866 lb (1300 kg)
Shipping	4288 lb (1945 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	59 to 86ºF (15 to 30ºC)
Operating humidity	20 to 70% RH (non-condensing)
Sound pressure	< 64 dB(A) (operating); < 52 dB(A) (idle)

Power

Consumption	6 kW (typical)

Certification

Safety	IEC 60950-1+A1+A2 compliant; United States and Canada (CSA listed)
Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES)
Environmental	WEEE; EU RoHS; REACH; CE marking compliant
Warranty	One-year limited hardware warranty

Ordering information

Product

4DC17A	HP Stitch S1000 126-in Printer

Accessories

CZ059A	HP Series 1000/3000 126-in Carbon Fiber Spindle
4TA09A	HP Stitch S1000 Ink Collector Foam Kit
5QG59A	HP Ergosoft Pro RIP Color Edition
D9Z41B	HP Large Format Onyx Thrive RIP Software

Original HP printing supplies

L5E74C	HP Large Format Caldera Grand RIP Software
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

Service and support

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
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, colorants, and auxiliaries. It consists of a two-step verification procedure that analyzes 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 color 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 color difference (95% of colors) ≤ 1.5 dE2000. Reflective measurements on a 943 color target under CIE standard illuminant D50, and according to the standard CIEDE2000 as per CIE Draft Standard DS 014-6/E:2012. 5% of colors may experience variations above 1.5 dE2000. Backlit substrates measured in transmission mode may yield different results. Results are dependent on sublimation process variability.