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:

- 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 consistency¹ 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/stitches1000

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.

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. More at: http://www.hp.com/go/learnaboutsupplies
### Technical specifications

**Print**

- **Printing modes**
  - 3370 lin/h (1350 lin/h) - Max Speed (1-pass)
  - 2370 lin/h (1200 lin/h) - Production Economy (2-pass)
  - 1710 lin/h (910 lin/h) - Production Fast (3-pass)
  - 1400 lin/h (700 lin/h) - Production Quality (4-pass)
  - 1080 lin/h (540 lin/h) - High Quality (6-pass)

- **Print resolution**
  - Up to 1200 x 600 dpi

- **Ink types**
  - HP Dye Sub Inks

- **Cartridge size**
  - 101

- **Printheads**
  - 4 (black/cyan, yellow, magenta)

- **Long-term print-to-print**
  - Average ≤ 1 dB(dBd/2000), 95% of colors ≤ 1.5 dB(dBd/2000)

**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 (220 kg)

- **Roll diameter**
  - 13.8 in (35 cm)

- **Thickness**
  - Up to 0.3 mm (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**
  - 34 x 16 in (87 x 43 cm)

**Weight**

- **Printer**
  - 286 lb (130 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 cartridges 4 HP Thermal Inkjet (cyan, magenta, yellow, black)

- Cartridge size 10 L

- Thickness Up to 0.5 mm (up to 19.7 mil)

- Roll diameter

- Roll weight

- Ink cartridges 4 HP Thermal Inkjet (cyan, magenta, yellow, black)

- Ink types HP Dye Sub Inks

**Environment**

- **Operating temperature**
  - 59 to 86°F (15 to 30°C)

- **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 rule), Canada (ICES)

- **Environmental**
  - WEEE, EU RoHS, REACH, CE marking compliant

- **Warranty**
  - One-year limited hardware warranty

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### Ordering information

**Product**

- 5DC17A HP Stitch S1000 126-in Printer

**Accessories**

- 5D899A HP Stitch S1000 Ink Collector Foam Kit
- 5Q595A HP Ergosoft Pro RIP Color Edition
- D9S41B HP Large Format Dye Thrive RIP Software

**Original HP printing supplies**

- 5Z514 HP Long-Lasting Textile fabric
- 4UV53A HP 638B 10-liter Black Stitch Dye Sublimation Ink Cartridge
- 4UV64A HP 638 10-liter Cyan Stitch Dye Sublimation Ink Cartridge
- 4UV55A HP 638 10-liter Magenta Stitch Dye Sublimation Ink Cartridge
- 4UV66A HP 638 10-liter Yellow Stitch Dye Sublimation Ink Cartridge
- 4UV67A HP 618 Yellow and White Stitch Dye Sublimation Printhead
- 4V68B HP 618 Black and Cyan Stitch Dye Sublimation Printhead
- 5Z53A HP 638B 10-liter Black Stitch Dye Sublimation Ink Cartridge
- 5Z56A HP 638B 10-liter Cyan Stitch Dye Sublimation Ink Cartridge
- 5Z57A HP 638B 10-liter Magenta Stitch Dye Sublimation Ink Cartridge
- 5Z59A HP 638B 10-liter Yellow Stitch Dye Sublimation Ink Cartridge

**Original HP large format printing materials**

- HP Stitch S Series Sublimation Paper
- HP Stitch S Series Tacky Sublimation Paper

**Eco Highlights**

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

Please recycle large-format printing hardware and printing supplies. Find out how at our website [hp.com/ecosolutions](http://hp.com/ecosolutions)

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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.


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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 dB(dBd/2000). Reflective measurements on a 943 color target under CIE standard illuminant D50, and according to the standard CIEDE2000 as per CE Draft Standard (05.01.14) (IEC 2012). 5% of colors may experience variations above 1.5 dB(dBd/2000). Sublim substrates measured in transmission mode may yield different results. Results are dependent on sublimation process variability.