



HP Stitch S300 Printer

Dye-sub printing and color matching made easy



Color made easy with HP SmartColor

- Confidently distribute jobs across your fleet with best-in-class color consistency from printer to printer.⁵
- Get accurate colors over time, even as environmental conditions change, with the built-in spectrophotometer.
- Automatically detect when a color is out of gamut and get the closest visual match with PANTONE® emulation.²
- Easily create color profiles in half the time⁴, or use finished profiles from our cloud-based library.³

A versatile, safe investment

- With a single device, print on both transfer paper and direct-to-fabric¹ with great results.
- If you've got limited room, this front media loading printer can save you 30% floor space.
- Stay ready for production and avoid unexpected costs with preventive maintenance from HP Smart Services.

Rely on the complete solution from HP

- For your peace of mind, the printer, ink, media, and software are designed to work together perfectly.
- Get the print quality you expect with 1200 dpi resolution and the Smart Nozzle Compensation system.
- Reduce downtime and service costs. For the first time, you can replace the printheads yourself.⁵
- Be always ready to print outstanding quality, and reduce manual interventions, with automatic maintenance.

For more information, please visit <http://www.hp.com/go/stitchs300>

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>

¹ Printing on porous media—direct-to-fabric—is intended for short runs only and requires ink collector accessory.

² Automatically detects when a PANTONE® color is out of gamut.

³ Find a comprehensive list of all compatible media along with finished color profiles and printer settings at <http://www.hp.com/go/mediasolutionslocator>.

⁴ Based on internal and third-party testing in January, 2019 evaluating the number of interactions and time required to create a typical color profile compared to leading 64-inch dye-sublimation based textile printers available as of January, 2019.

⁵ Compared to alternative 64-inch dye-sublimation based textile printers available as of January, 2019. 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	62 m ² /hr (665 ft ² /hr) - Max Speed (2-pass) 34 m ² /hr (365 ft ² /hr) - Production (4-pass) 22 m ² /hr (235 ft ² /hr) - Quality (6-pass) 17 m ² /hr (185 ft ² /hr) - High Quality (8-pass)
Print resolution	Up to 1200 x 1200 dpi
Ink types	HP Dye Sub Inks
Ink cartridges	4 (cyan, magenta, yellow, black)
Cartridge size	775 ml
Printheads	4 HP Thermal Inkjet (2 cyan/black, 2 magenta/yellow)
Long-term print-to-print repeatability	Average <= 1 dE2000, 95% of colors <= 1.5 dE2000 ¹

Media

Handling	Roll feed; Take-up reel; Automatic cutter (for transfer media)
Media types	Sublimation transfer papers, sublimation polyester fabrics, sublimation film
Roll size	580 to 1625 mm rolls (23 to 64 in rolls)
Roll weight	42 kg (92.6 lb)
Roll diameter	250 mm (9.8 in)
Thickness	Up to 0.5 mm (19.7 mil)

Applications Interior decoration; Fashion; Sportswear; Soft signage

Connectivity

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

Printer	2560 x 710 x 1380 mm (101 x 28 x 54 in)
Shipping	2836 x 760 x 1248 mm (1116 x 30 x 49 in)

Weight

Printer	171 kg (377 lb)
Shipping	280 kg (617 lb)

What's in the box HP Stitch S300 64-in Printer; printer stand; printheads; maintenance cartridge; 3-in spindle; take-up reel; edge holders; user maintenance kit; quick reference guide; setup poster; power cords; HP Ergosoft RIP Color Edition; waste bottle

Environmental ranges

Operating temperature	15 to 30°C (59 to 86°F)
Operating humidity	20 to 80% RH (non-condensing) ²

Acoustics

Sound pressure	53 dB(A) (operating); 38 dB(A) (idle); < 16 dB(A) (sleep);
Sound power	7.1 B(A) (operating); 5.7 B(A) (idle); < 3.5 B(A) (sleep);

Power

Consumption	1 kW (printing); 80 W (ready); < 2 W (sleep)
Requirements	Input voltage (auto ranging) 200-240 V (±10%) two wires and PE; 50/60 Hz (±3 Hz); one power cord; 13 A max

Certification

Safety	IEC 60950-1+A1+A2 compliant; USA and Canada (CSA listed)
Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES)
Environmental	ENERGY STAR®; WEEE; REACH; EPEAT; OSHA; CE marking compliant

Warranty One-year limited hardware warranty

Ordering information

Product

2ET72A	HP Stitch S300 64-in Printer
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Accessories

5JX30A	HP Stitch S300/S500 Ink Collector
5Q672A	HP Stitch S300/S500 User Maintenance Kit
F0M56A	HP Latex 64-in Printer 2-in Spindle
F0M58A	HP Latex 64-in Printer 3-in Spindle
T7U74A	HP Series 300/500 Ink Collector Foam Kit
F0M63A	HP Series 300 Media Loading accessory

Original HP printing supplies

2LL53A	HP 624 775-ml Black Stitch Dye Sublimation Ink Cartridge
2LL54A	HP 624 775-ml Cyan Stitch Dye Sublimation Ink Cartridge
2LL55A	HP 624 775-ml Magenta Stitch Dye Sublimation Ink Cartridge
2LL56A	HP 624 775-ml Yellow Stitch Dye Sublimation Ink Cartridge
2LL61A	HP 614 Stitch Dye Sublimation Printhead Cleaning Kit
2LL62A	HP 614 Cyan and Black Stitch Dye Sublimation Printhead
2LL63A	HP 614 Magenta and Yellow Stitch Dye Sublimation Printhead

ECO highlights

- ECO PASSPORT certified dye sublimation inks¹
- ENERGY STAR® certified²
- EPEAT® registered as environmentally preferable product³
- Free, convenient HP ink cartridge and printhead recycling⁴

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 ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.

³ EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.

⁴ Program availability varies. Please check <http://www.hp.com/recycle> for details.

¹ The color variation inside a printed job has been measured at 6-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.

² Papers are hygroscopic materials. They can absorb or lose moisture depending on external humidity conditions. A low level of substrate's moisture and external relative humidity is always recommended when printing on paper based materials. Recommended external relative humidity is between 25% to 50%.

