# 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 time[4], 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-fabric[1] 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 m²/hr (665 ft²/hr) - Max Speed (2-pass)<br>34 m²/hr (365 ft²/hr)- Production (4-pass)<br>22 m²/hr (235 ft²/hr) - Quality (6-pass)<br>17 m²/hr (185 ft²/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

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|---|---|
| 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

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|---|---|
| | Interior decoration; Fashion; Sportswear; Soft signage |

## Connectivity

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|---|---|
| Interfaces | Gigabit Ethernet (1000Base-T) |

## Dimensions (w x d x h)

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|---|---|
| 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

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

## What's in the box

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|---|---|
| | 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

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|---|---|
| Operating temperature | 15 to 30ºC (59 to 86ºF) |
| Operating humidity | 20 to 80% RH (non-condensing)[2] |

## Acoustics

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|---|---|
| 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

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|---|---|
| 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

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|---|---|
| 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

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|---|---|
| | One-year limited hardware warranty |

# Ordering information

## Product

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|---|---|
| 2ET72A | HP Stitch S300 64-in Printer |

## Accessories

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|---|---|
| 5JX30A | HP Stitch S300/S500 Ink Collector |
| 5QG72A | 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

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|---|---|
| 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 inks[1]
- ENERGY STAR® certified[2]
- EPEAT® registered as environmentally preferable product[3]
- Free, convenient HP ink cartridge and printhead recycling[4]

**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%.