



HP Stitch S500 64-in Printer

The most efficient printer for highly demanding dye sub users¹



Enjoy reliable, unattended printing

- Print an entire shift unattended or overnight with the largest media rolls² and large ink supplies.
- Get reliable image quality with 2xCMYK printheads and automatic compensation of up to 30% nozzles out.¹
- Reduce telescoping and manual media adjustments with the tension sensing winder and media advance sensor.
- Rely on color consistency from printer to printer.²

Optimize your uptime with easy maintenance

- Reduce downtime and service costs. For the first time, you can replace the printheads yourself.²
- Stay ready to print outstanding quality, and reduce manual interventions, with automatic maintenance.
- Simplify and control your print operations and maximize uptime with HP Service and HP PrintOS.

Perfect for fleet environments

- Double your unattended printing capacity without increasing your production space.²
- Efficiently manage your fleet, and remotely monitor printer status and ink and substrate use, with HP PrintOS.
- Easily observe the status of your printer—at a glance and from afar—with the highly visible beacon.
- Get visibility to your printers and monitor their status, ink, and substrate consumption with HP PrintOS.⁵

For more information, please visit <http://www.hp.com/go/stitchs500>

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 Reliable image quality enabled with 2xCMYK printheads and automatic compensation of up to 30% nozzles out based on internal HP testing, July 2020. Unattended printing enabled by large media rolls and large ink supplies.

² Compared to alternative 64-inch dye-sublimation based textile printers available as of June, 2020. Largest rolls up to 121 lb (55 kg). The HP Stitch S Printer series provides HP SmartColor tools and a built-in spectrophotometer for color consistency. Front media loading saves 50% floor space.

Technical specifications

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| Print | |
| Printing modes | 110 m²/hr - Max Speed (1-pass) 62 m²/hr - Production Fast (2-pass) 43 m²/hr - Production Quality (3-pass) 34 m²/hr - Quality (4-pass) 22 m²/hr - High Quality (6-pass) |
| Print resolution | Up to 1200 x 1200 dpi |
| Ink types | HP Dye Sub Inks |
| Ink cartridges | 4 (cyan, magenta, yellow, black) |
| Cartridge size | 3 L |
| Printheads | 8 HP Thermal Inkjet (4 cyan/black, 4 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 |
| Roll weight | 55 kg |
| Roll diameter | 250 mm |
| Thickness | Up to 0.5 mm |
| Applications | Interior decoration; Soft signage |
| Connectivity | |
| Interfaces | Gigabit Ethernet (1000Base-T) |
| Dimensions (w x d x h) | |
| Printer | 2550 x 810 x 1420 mm |
| Shipping | 2740 x 1070 x 1700 mm |
| Weight | |
| Printer | 235 kg |
| Shipping | 431 kg |
| What's in the box | HP Stitch S500 64-in Printer, printer stand, printheads, maintenance cartridge, take-up reel, 2-in adaptor kit, beacon light, ink collector, loading accessory, edge holders, user maintenance kit, waste bottle, quick reference guide, setup poster, documentation software, power cords |
| Environmental ranges | |
| Operating temperature | 15 to 30°C |
| Operating humidity | 20 to 80% RH (non-condensing) ² |
| Acoustics | |
| Sound pressure | 55 dB(A) (operating), 38 dB(A) (idle), <16 dB(A) (sleep) |
| Sound power | 7.3 B(A) (operating), 5.6 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. Not dual voltage, power supply varies by part number with # Option code identifier. |
| Certification | |
| Safety | IEC 60950-1 +A1+A2 compliant; USA and Canada (CSA listed); EU (LVD and EN 60950-1 compliant); Russia, Belarus, and Kazakhstan (EAC); Ukraine (UA); Argentina (IRAM) |
| Electromagnetic | Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCCI), Korea (KCC) |
| Environmental | ENERGY STAR®; WEEE; EU RoHS; China RoHS; RoHS Korea; RoHS India; RoHS Ukraine; RoHS Turkey; REACH; EPEAT; OSHA; CE marking compliant |
| Warranty | One-year limited hardware warranty |

Ordering information

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| Product | |
| ZET73A | HP Stitch S500 64-in Printer |
| Accessories | |
| 5JX30A | HP Stitch S300/S500 Ink Collector |
| 5QG59A | HP Ergosoft Pro RIP Color Edition |
| 5QG72A | HP Stitch S300/S500 User Maintenance Kit |
| F0M64A | HP Series 300/500 Edge Holder Kit |
| T7U74A | HP Series 300/500 Ink Collector Foam Kit |
| 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 |
| 2LL57A | HP 636 3-liter Black Stitch Dye Sublimation Ink Cartridge |
| 2LL58A | HP 636 3-liter Cyan Stitch Dye Sublimation Ink Cartridge |
| 2LL59A | HP 636 3-liter Magenta Stitch Dye Sublimation Ink Cartridge |
| 2LL60A | HP 636 3-liter 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 |
| 2LL76A | HP 636B 3-liter Black Stitch Dye Sublimation Ink Cartridge (NZ, AU & JP excluded) |
| 2LL77A | HP 636B 3-liter Cyan Stitch Dye Sublimation Ink Cartridge (NZ, AU & JP excluded) |
| 2LL78A | HP 636B 3-liter Magenta Stitch Dye Sublimation Ink Cartridge (NZ, AU & JP excluded) |
| 2LL79A | HP 636B 3-liter Yellow Stitch Dye Sublimation Ink Cartridge (NZ, AU & JP excluded) |

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%.

