



# STITCH

DYE-SUB PRINTERS





# HP STITCH



Reinventing. It's what we do. So, when it came time to take on the world of textile printing, that's exactly where we started. HP STITCH is cutting-edge technology designed to transform the textile industry as we know it, empowering printing professionals to become more efficient and productive than ever before.

“60% of the volume we print are reprints; color consistency is a challenge.”

# Your challenges are our challenges

Your creativity comes to life in many ways, but most of all through the vibrancy and trueness of your colors. Until now, getting the right colors has not been easy, and that's why we have been working closely with our customers to solve their daily challenges.

“Standardizing color around the globe is critical to accomplish our vision. Today that is not possible with traditional dye-sub.”

JONDO

**John Doe**  
CEO JONDO

EMPOWERING THE WORLD  
TO SHARE WHAT THEY LOVE

“Keeping competitive running costs is key in our industry. A great source of cost saving comes from using low grammage paper.”

H A L L O T E X

**Jordi Bonareu**  
CEO HALLOTEX

INDITEX FASHION PRODUCER

**BIO RACER**  
speedwear

**Danny Segers**  
CEO BIORACER

#1 CYCLING BRAND IN EUROPE

“We always work against the clock and I'm afraid to leave my printers unattended overnight.”

**BROWN TAILOR®**

**Pep Moreno**  
FOUNDER & PRODUCTION MANAGER  
BROWN TAILOR



# Revolutionary technology

It's time to reinvent the textile industry. Discover how HP Thermal Inkjet technology can help you maximize productivity and cost efficiency with reliable high-quality prints.



## SMART NOZZLE COMPENSATION SYSTEM

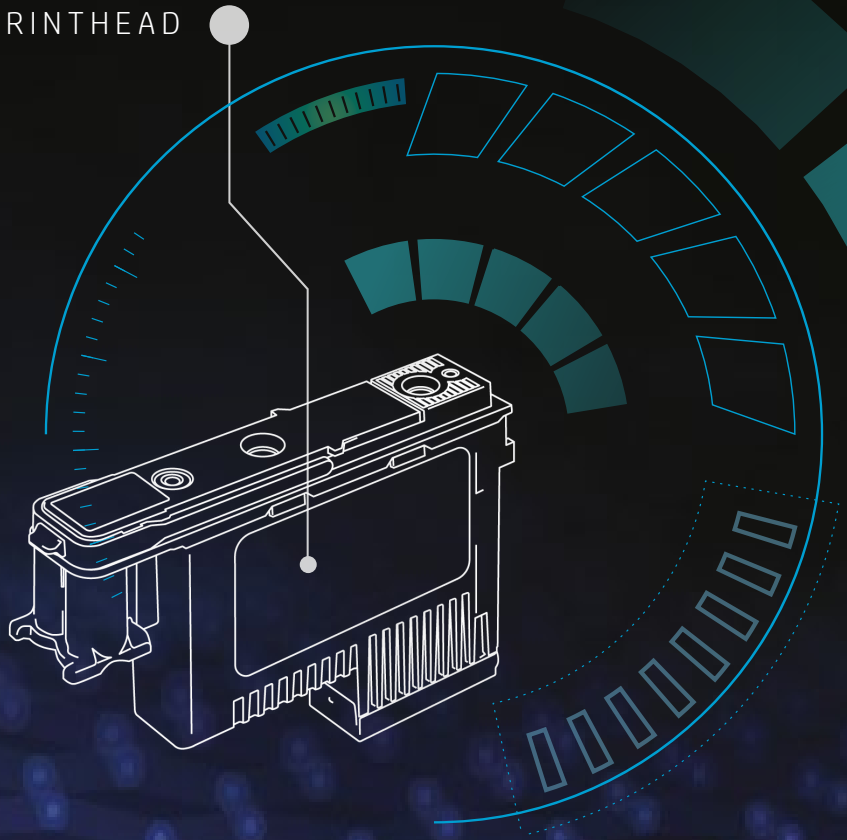
Get reputable and reliable image quality and avoid reprints and media waste. With native 1200 dpi printhead resolution, you can automatically compensate up to 30% of nozzles out.<sup>1</sup>



## AUTOMATIC MAINTENANCE

Save time and forget about daily manual interventions. Keep your printheads printing continuously at the highest image quality, thanks to our fully automated printhead maintenance.

## USER-REPLACEABLE HP PRINTHEAD



### USER-REPLACEABLE PRINTHEADS

Reduce unplanned downtime and service costs. You can replace the printheads yourself without any tools or external support.



### DROP & DRY PRINTZONE DRYER

Avoid media cockling, even when using low grammage papers, and get sharp results. With our unique Drop & Dry system, the ink is dried immediately in the printzone.

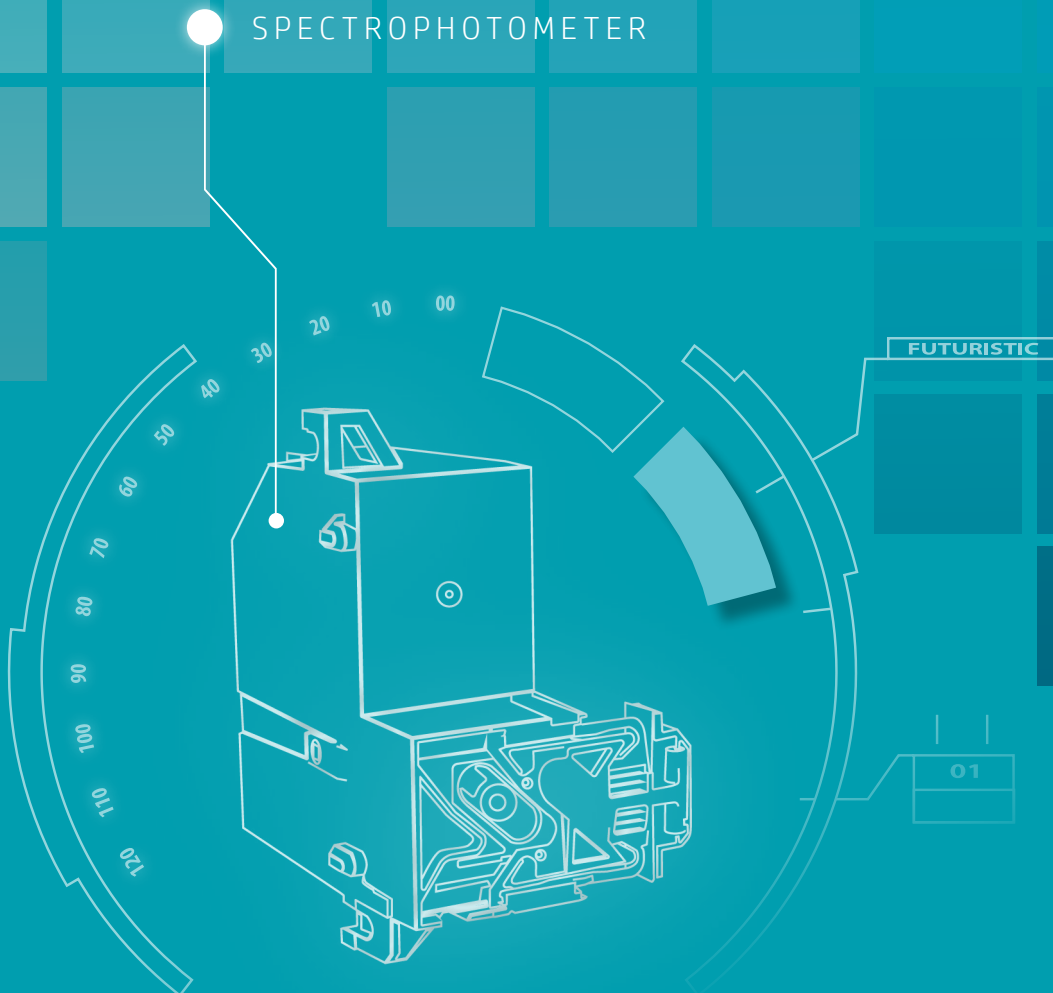
# HP SmartColor

## The future of color

At the heart of any printing project is the need to achieve the right colors, and customers have come to accept that dye-sub printing is complex, inefficient, and generates a lot of waste.

Experience how HP STITCH makes color easy with HP SmartColor, giving you predictable, fast, color.

BUILT-IN  
SPECTROPHOTOMETER





## PREDICTABLE

Get accurate colors over time, even as environmental conditions change, with the built-in spectrophotometer. You can measure and save color references without requiring external devices and get consistent colors over time thanks to our unique ink formula.



## FAST

Distribute jobs across your fleet with confidence, thanks to the HP PrintOS Configuration Center. You can quickly see the status of all your printers and deploy color references easily, achieving a maximum color difference of  $<1\Delta E_{2000}$  on average ( $<2\Delta E_{2000}$  95% colors)<sup>2</sup> across your entire HP STITCH fleet.



## EASY

Easily create your own color profiles and emulate PANTONE® colors in just a few seconds. HP Ergosoft RIP Color Edition includes HP Easy Profiling and HP Professional PANTONE® emulation which automatically gives you the closest visual color match.<sup>3</sup>



A close-up, high-angle photograph of a cyclist. The cyclist is wearing a blue short-sleeved jersey with a yellow panel on the chest and a red band at the sleeve. They are also wearing a black and red helmet and yellow-tinted sunglasses. The cyclist's right hand is on the black handlebar, and their left hand is on the brake lever. The background is dark, making the cyclist stand out.

## The perfect match for Sportswear

Create sharp, vivid graphics and get consistent colors over time.<sup>4</sup> From team uniforms to amateur sportswear, with the HP STITCH S Printer series, color predictability and repeatability becomes a problem of the past.



# Tailormade for Fashion

Bring your designs and patterns to life and get richly saturated colors, even when printing at top speeds. Reduce your media costs and easily handle low grammage papers with our unique drying and media tension systems.





# Designed for Interior decor

From sample to final production, repeat your designs with stable colors, even over time. From bed linens to curtains and cushions to roller blinds, the HP STITCH S Printer series knows almost no limits, printing on a wide range of media and polyester fabrics.







DARKEYES  
UNIQUE STYLE. UNIQUE LOOK

Display excellence with  
**Soft signage**

Exceed your clients' expectations with outstanding deep blacks and vivid colors. The HP STITCH S Printer series gives you the versatility to print direct-to-fabric as well as on transfer paper, delivering sharp and high-quality results even on high-density jobs like backlights or flags.<sup>5</sup>



# HP STITCH S series printers at a glance

## The HP STITCH S series portfolio

Remove complexity from your printing process. This is reliable, predictable dye-sublimation printing. With the HP STITCH S Printer series, you can easily get consistent colors across your fleet and high image quality while keeping production running smoothly, even when unattended.



Get the quality and color consistency you expect from the first sublimation. HP large-format printing materials are designed and tested to work as one with our HP Stitch printers.

If you want to experiment with a broader range of validated third-party textiles and paper and their media profiles, take a look in our Media Solutions Locator.

<http://www.hp.com/go/mediasolutionslocator>



### HP STITCH S300

64-in Printer

Gain peace of mind with a complete - printer, ink, media, and software - solution.

Print on both transfer paper and direct-to-fabric.<sup>5</sup>

Save 30% floor space with front media loading.

Rely on color consistency from printer to printer.<sup>6</sup>

### HP STITCH S500

64-in Printer

Print an entire shift unattended, even overnight.

Get reliable image quality with 2xCMYK printheads.<sup>1</sup>

Reduce downtime and service costs with user-replaceable printheads.

Efficiently manage your fleet and remotely monitor printer status.

### HP STITCH S1000

126-in Printer

Native 1200 dpi printhead resolution for vivid colors and deep blacks on both transfer paper and direct-to-fabric

Print unattended at production speeds up to 220 m<sup>2</sup>/hr (2,370 ft<sup>2</sup>/hr)<sup>7</sup>

Save up to 40% time with simplified operation<sup>8</sup>

Consistent colors over time and across the fleet.



# HP solution alliances

We have collaborated with the leading companies in the dye-sub industry, from RIP vendors to thermoprocessing manufacturers, to provide you with a complete and reliable end-to-end workflow solution that works seamlessly with HP STITCH technology.

## RIPPING & COLOR MANAGEMENT



CERTIFIED RIPS



SPECTROPHOTOMETER



## MEDIA

SUBLIMATION / TRANSFER PAPER



POLYESTER TEXTILES



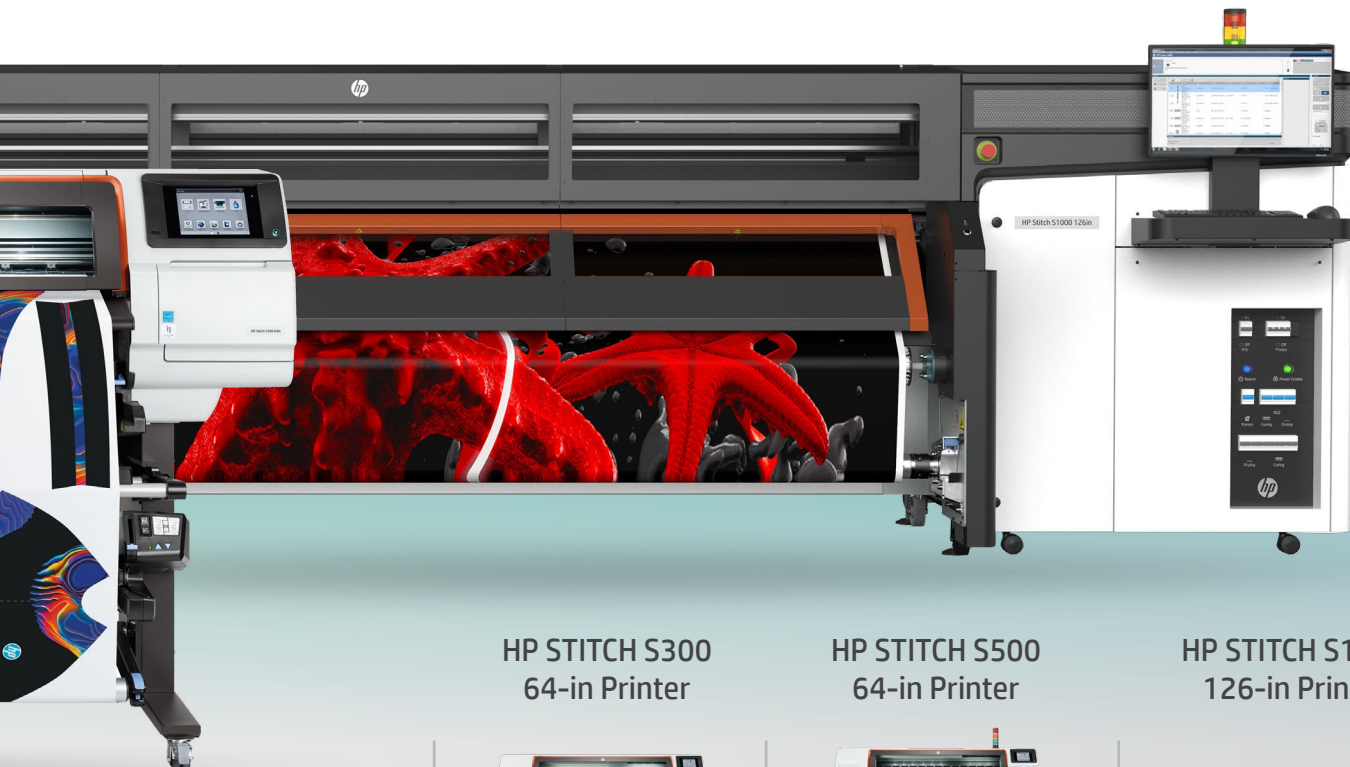
MEDIA HANDLING



## HEAT TRANSFER



## CUTTING & SEWING



HP STITCH S300  
64-in Printer



HP STITCH S500  
64-in Printer



HP STITCH S1000  
126-in Printer



Width  
Cartridge size  
Maximum roll weight  
Maximum, Production speed  
Quality speed (Backlit)  
Maximum Production capacity

1.62 m (64 in)  
775 ml  
42 kg (92.6 lb)  
34 m<sup>2</sup>/hr (365 ft<sup>2</sup>/hr); 4-pass  
22 m<sup>2</sup>/hr (235 ft<sup>2</sup>/hr); 6-pass  
3,000 m<sup>2</sup>/month  
(32,291 ft<sup>2</sup>/month)

1.62 m (64 in)  
3 Liter  
775 ml  
55 kg (121 lb)  
110 m<sup>2</sup>/hr (1185 ft<sup>2</sup>/hr); 1-pass  
34 m<sup>2</sup>/hr (365 ft<sup>2</sup>/hr); 4-pass  
6,000 m<sup>2</sup>/month  
(64,583 ft<sup>2</sup>/month)

3.2 m (126 in)  
10 Liter  
300 kg (661 lb)  
220 m<sup>2</sup>/hr (2,370 ft<sup>2</sup>/hr); 2-pass  
130 m<sup>2</sup>/hr (1,400 ft<sup>2</sup>/hr); 4-pass  
40,000 m<sup>2</sup>/month  
(430,556 ft<sup>2</sup>/month)

# HP SMART PRINTING

## Discover Smart Printing with HP PrintOS

Gain control of your print operations thanks to cloud-based technology designed to maximize uptime, provide unprecedented line-of-sight into your business and simplify production processes.

### IMPROVE OPERATIONAL EXCELLENCE

Stay on top of daily projects and make informed decisions based on real-time data, from virtually anywhere at anytime.

Gain visibility to your HP connected printers and monitor their status, downtime, ink, and substrate consumption.

Eliminate repetitive, time consuming set-up procedures through automatic backup and restore of printers and substrate configurations.



#### Print beat



Optimize production with real-time insights

#### PrintOS Mobile app<sup>9</sup>



Enjoy anytime, anywhere control

#### Configuration center



Achieve consistent color configurations

#### Service center for PSP



Open and track all service activity through a single portal

Sign up at  
[printos.com](https://printos.com)

Learn more at  
[hp.com/go/stitchprintos](https://hp.com/go/stitchprintos)



# Fuel your success with confidence with HP Service.<sup>10</sup>

Develop your competitive edge and stay ahead of the competition with HP Service. From day one we work side by side with you to help you get a quick return on your investment.



## START STRONG

Get your printer up and running at full production quickly and maintain production on your own. From installation to basic training, we help bring your operators fully up to speed.



## DRIVE GROWTH

Boost your overall productivity with the support of your dedicated local engineer and account management services team, and go into peak season well prepared with preventive maintenance.



## MAXIMIZE UPTIME

From convenient training options that help you learn how to maximize uptime on your own, to a printer alert system that triggers proactive services, we're here to help. Now you can maintain a highly trained staff and take care of issues before they impact production.



## TURN COLOR YOUR ADVANTAGE

Whether you need to reproduce target colors from old devices or match colors across your fleet, HP can provide color experts and trainings to ensure you get the right color from the first job.

Learn more at  
[hp.com/go/LFservices](http://hp.com/go/LFservices)



<sup>[1]</sup> Reliable image quality enabled with 2xCMYK printheads and automatic compensation of up to 30% nozzles out based on internal HP testing, July 2020.

<sup>[2]</sup> 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. Backlit substrates measured in transmission mode may yield different results.

<sup>[3]</sup> Automatically detects when a PANTONE® color is out of gamut.

<sup>[4]</sup> Compared to alternative 64-inch dye-sublimation based textile printers available as of June, 2020. Only the HP Stitch S Printer series provides HP SmartColor tools and a built-in spectrophotometer for a better color management experience.

<sup>[5]</sup> Printing on porous media—direct-to-fabric—is intended for short runs only on the HP Stitch S300 Printer.

<sup>[6]</sup> The HP Stitch S Printer series provides HP SmartColor tools and a built-in spectrophotometer for color consistency.

<sup>[7]</sup> Production-Economy print mode, 2-pass, 50%, for certain patterns of curtains and upholstery for interior décor applications. Based on internal HP testing in February, 2019 on transfer paper (Coldenove Jet-X 57 grams, 126-in/3.2-m width).

<sup>[8]</sup> Very short start up times compared to alternative 126-inch dye-sublimation based textile printers under \$250,000 USD available as of July, 2020. Preparation time including 40% less loading time, printhead cleaning, and warm up time. This is based on internal HP testing in July, 2020 and features including automatic media tension adjustment and easy, simple media path, automatic and optimized printhead cleaning, and warm up in parallel with loading. Testing was performed measuring the time from starting the printer loading process until the printer starts printing, and measuring time with a chronometer.

<sup>[9]</sup> The HP PrintOS Mobile application is compatible with Android™ 4.0 or later and iPhone mobile devices running iOS 8 or later and requires the printer and the smart phone to be connected to the Internet.

<sup>[10]</sup> Some services depend on printer, service contract, and region availability.

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