



COLOUR MATCHING

**REINVENTED**



# Introducing 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. Introducing HP STITCH, 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; colour 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 colours. Until now, getting the right colours has not been easy, and that's why we have been working closely with our customers to solve their daily challenges.

“Standardising colour around the globe is critical to accomplishing our vision. Today that is not possible with traditional dye-sub.”

JONDO

**John Doe**  
CEO JONDO

EMPOWERING THE WORLD  
TO SHARE WHAT THEY LOVE

# Revolutionary technology

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



## SMART NOZZLE COMPENSATION SYSTEM

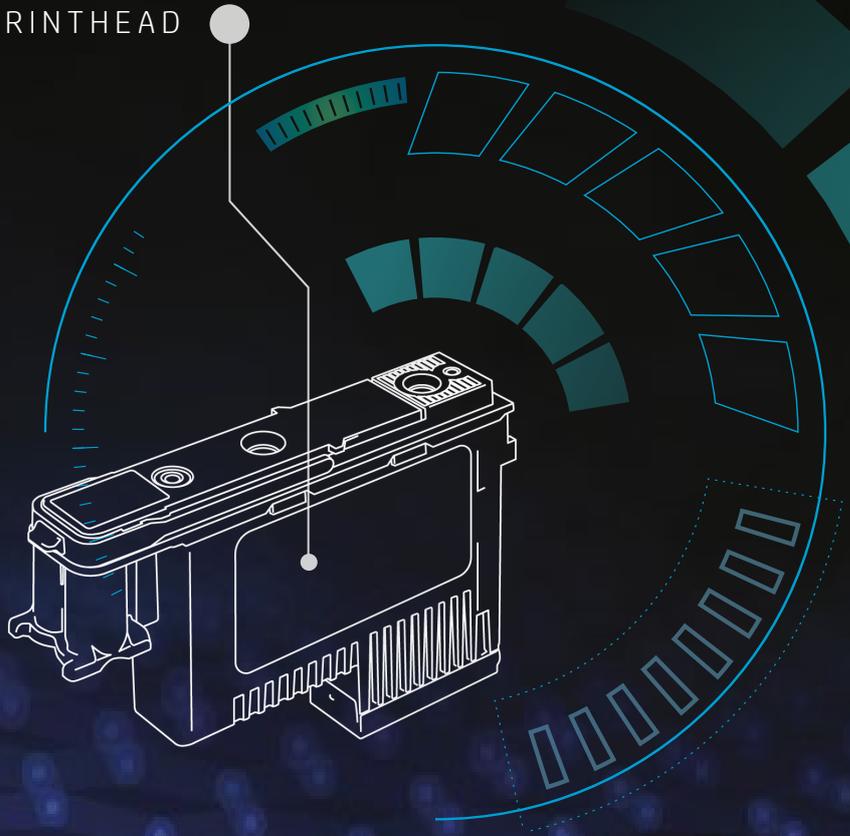
Get reputable and reliable image quality and avoid reprints and media waste. With native 1200 dpi printhead resolution, you can now automatically compensate up to 30% of nozzles out.<sup>1</sup>



## 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. For the first time in the dye-sub industry, you can now replace the printheads yourself without any tools or external support.<sup>2</sup>



### 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.

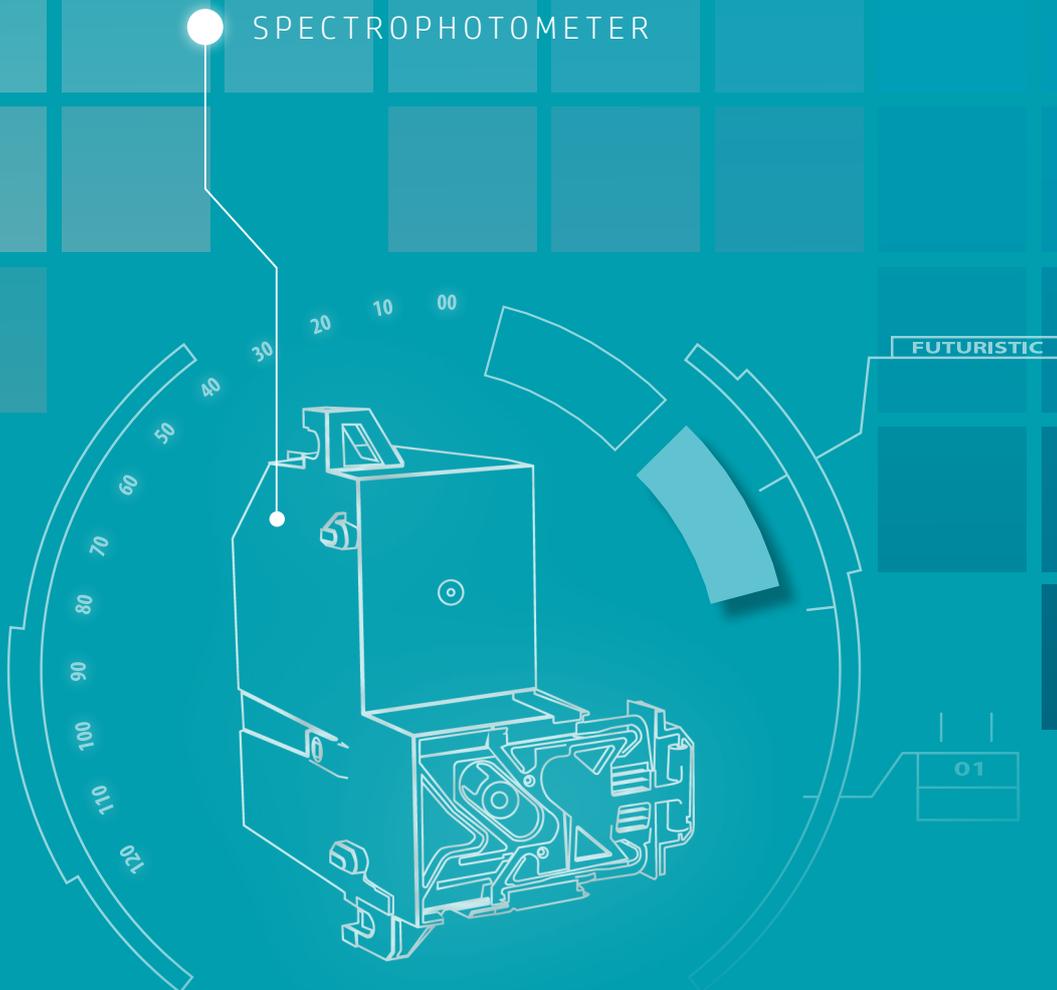
# HP SmartColor

## The future of colour

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

Experience how HP STITCH makes colour easy with HP SmartColor, giving you predictable colour faster and easier than ever before.<sup>2</sup>

BUILT-IN  
SPECTROPHOTOMETER





## PREDICTABLE

Get accurate colours over time, even as environmental conditions change, with the built-in spectrophotometer. For the first time ever, you can measure and save colour references without external devices,<sup>2</sup> and get consistent colours 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 now quickly see the status of all your printers and deploy colour references easily, achieving a maximum colour difference of  $<1\Delta E_{2000}$  on average ( $<1.5\Delta E_{2000}$  95% colours) across your entire HP STITCH fleet.



## EASY

Easily create your own colour profiles in half the time<sup>3</sup> and emulate PANTONE® colours in just a few seconds. HP Ergosoft RIP Color Edition includes HP Easy Profiling, one of the easiest and fastest profiling tools in the industry<sup>2</sup>, and HP Professional PANTONE® emulation which automatically gives you the closest visual colour match.<sup>4</sup>

# Designed for Interior decor

From sample to final production, repeat your designs with stable colours, even over long periods of time<sup>5</sup>. 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 colours. 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>6</sup>

# HP STITCH S series printers at a glance

Introducing the HP STITCH S series portfolio

Remove complexity from your printing process. Dye-sublimation printing is now more reliable and predictable than ever before.<sup>2</sup> With the HP STITCH S Printer series, you can easily get consistent colours across your fleet, and high image quality while keeping production running smoothly, even when unattended.



Get the quality and colour 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

**HP STITCH S500**  
64-in Printer

**HP STITCH S1000**  
126-in Printer

• Manage colour easily with HP SmartColor

• A complete end-to-end solution, from RIP to HP printing materials

• Print on both transfer paper and direct-to-fabric<sup>6</sup>

• First 100% front operating dye-sub printer<sup>2</sup>

• Get <math><1\Delta E\_{2000,3}</math> average colour consistency across

• Produce richly saturated colour even when printing at one pass

• Print an entire shift unattended, even overnight

• Reduce cost and waste, and increase your efficiency

• Consistent colours over time and across the fleet.

• Native 1200 dpi printhead resolution for vivid colours and deepest blacks

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

• Save up to 40% time with simplified operation

# HP partner solutions

We have partnered 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 & COLOUR MANAGEMENT



CERTIFIED RIPs



SPECTROPHOTOMETER



## MEDIA

SUBLIMATION / TRANSFER PAPER



POLYESTER TEXTILES



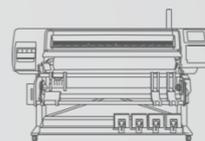
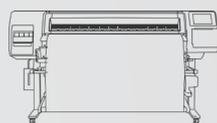
MEDIA HANDLING



## HEAT TRANSFER



## CUTTING & SEWING



Width  
Cartridge size  
Max roll  
Max. Production speed  
Quality speed (Backlit)  
Max. Production capacity

1.62 m (64 in)  
775 cc  
42 kg (93 lb)  
34 m<sup>2</sup>/hr (365 ft<sup>2</sup>/hr)  
22 m<sup>2</sup>/hr (235 ft<sup>2</sup>/hr)  
3,000 m<sup>2</sup>/month  
(32,291 ft<sup>2</sup>/month)

1.62 m (64 in)  
3 L  
55 kg (121 lb)  
110 m<sup>2</sup>/hr (1,280 ft<sup>2</sup>/hr)  
34 m<sup>2</sup>/hr (365 ft<sup>2</sup>/hr)  
6,000 m<sup>2</sup>/month  
(64,583 ft<sup>2</sup>/month)

3.2 m (126 in)  
10 L  
300 kg (121 lb)  
220 m<sup>2</sup>/hr (2,370 ft<sup>2</sup>/hr)  
130 m<sup>2</sup>/hr (1,400 ft<sup>2</sup>/hr)  
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 with cloud-based technology designed to maximise 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



Optimise production with real-time insights

#### PrintOS Mobile app<sup>7</sup>



Enjoy anytime, anywhere control

#### Configuration center



Achieve consistent colour 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 Edge.<sup>8</sup>

Develop your competitive edge and stay ahead of the competition with HP Service Edge. 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.



## MAXIMISE UPTIME

From convenient training options that help you learn how to maximise 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 COLOUR YOUR ADVANTADGE

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



1. Based on test done as of January 2019, only HP Stitch offers Thermal Inkjet printhead technology with a native 1200 dpi resolution. Thanks to this and our Smart Nozzle Compensation System we can compensate more nozzles out than any competitor.
2. 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 colour management experience.
3. Based on internal and third-party testing in January, 2019 evaluating the number of interactions and time required to create a typical colour profile compared to leading 64-inch dye-sublimation based textile printers available as of January, 2019. Creating a profile with the HP Easy Profiling tool takes 50% less time compared with industry-standard workflows today and can be performed without previous colour management or profiling experience.
4. Automatically detects when a PANTONE® colour is out of gamut.
5. Based on HP and third-party testing, comparing HP Stitch S Printers with other large-format dye-sublimation printers on the market under \$250,000 (USD) as of March 2019. For details, please visit [hp.com/go/stitchclaims](http://hp.com/go/stitchclaims).
6. Printing on porous media—direct-to-fabric—is intended for short runs only on the HP Stitch S300 Printer.
7. 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 smartphone to be connected to the Internet.
8. Some services depend on printer, service contract, and region availability.

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