



HP SCITEX FB500 PRINTER



Speed up the delivery of orders with a printer that lets you print and load media simultaneously. Target new applications with quality results on virtually any rigid and flexible media.¹ Rely on a dependable, robust device that fits your workspace.



TURN ORDERS AROUND FAST WITH AN EFFICIENT WORKFLOW

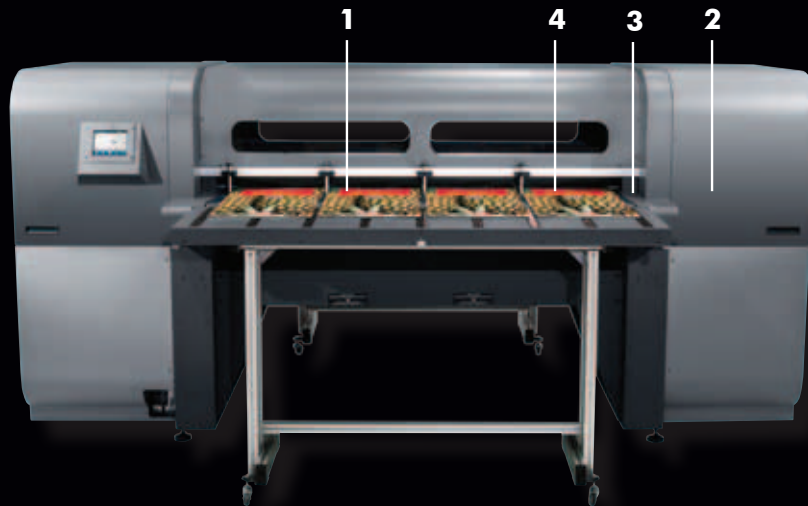
- Deliver jobs quickly with an efficient workflow that lets you load, print, and collect media simultaneously.
- Load up to 4 sheets of media fast with the help of automated features. No masking is required.
- Reduce interruptions—no daily printhead maintenance²; remote monitoring with the HP Embedded Web Server.
- Choose the right speed and quality to meet each customer requirement.

OFFER NEW APPLICATIONS AND GROW YOUR BUSINESS

- Wow your clients with incredible image quality—up to 1200 x 600 optimized dpi.
- Show clients what's possible. Do more with white ink³, double-sided prints, matte/gloss, and full bleeds.
- Do more—print on virtually any rigid or flexible media¹, with good ink adhesion.
- Say yes to just about any request—even when asked to print on thick, heavy, and long⁴ materials.

A PERFECT FIT FOR YOUR BUSINESS AND SHOP SPACE

- Print on virtually any rigid or flexible substrate¹ from a single device.
- Optimize your print shop space with folding tables that store easily when the printer is not in use.
- Rely on a robust, reliable design—including sturdy media advance system, onboard camera, and HP Print Care.
- The HP Scitex FB500 Printer makes it easier than ever to use white ink.³



IMPROVE YOUR RESPONSE TIME, EXECUTE TASKS IN PARALLEL

Load, print, and collect media simultaneously in high-volume production environments.

When printing many copies, the automatic media alignment bar moves down, so you can load the next set of boards. When the first set is done, the printer moves on to the next.

HP SCITEX FB500 WORKFLOW



COMPETITOR'S WORKFLOW



1. LOADING MEDIA IS FAST AND EASY, NO MASKING IS REQUIRED



An automatic alignment bar helps you quickly position media, the printer measures its thickness, and an onboard camera detects the position of loaded media.⁵ Print up to 4 sheets at once.

2. MINIMIZE INTERRUPTIONS



The printer's automated service station maintains printhead health, eliminating the need for daily maintenance. Enjoy long runs with 3-liter ink supplies.⁶ Check the status of the printer remotely thanks to the HP Embedded Web Server.

3. GIVE YOUR CUSTOMERS THE QUALITY THEY NEED

And at the right price. This printer lets you choose the right combination of speed and quality. Print at various speeds up to 37 m²/hr (398 ft²/hr) for prints that will be viewed from a long distance.⁷





4. ENRICH YOUR PRINTS, SAY YES TO JUST ABOUT ANY REQUEST



Propose new possibilities to customers by showing them how to enrich their prints. Take advantage of white ink for undercoats, overcoats, and spot color.¹³

Enrich photos with matte or gloss finishes. Offer double-sided prints and full bleed printing.

Print directly on virtually any rigid or flexible material¹¹—even on corrugated plastic with good ink adhesion

6. MANAGE YOUR ENTIRE PRINT WORKFLOW WITH ONE DEVICE, ONE INVESTMENT



Take advantage of the HP Scitex FB500 Printer, which enables you to provide customers more rigid and flexible application offerings¹¹—all from a single device. Manage your entire print workflow with one device, one user interface, and one investment.

5. FIT THIS PRINTER EASILY INTO YOUR SHOP



Store folding tables when the printer is not in use and preserve valuable shop space. No external air compressor is required. And the printing area is fully enclosed, reducing risks related to UV light or moving parts.

7. RELY ON A ROBUST, RELIABLE DESIGN



A belt-driven system and a high-resolution encoder ensure precise media flow. An onboard camera detects, and the printer adjusts for misfiring nozzles—for consistent results.¹⁶ HP Scitex Print Care maintenance assistance helps maximize uptime. This printer provides an easy, convenient white ink option.¹³ The process of adding or removing white ink is a simple one. And a unique HP White Ink Homogenizer maintains the stability of the white ink, preventing pigment sedimentation.

HP SCITEX FB500 PRINTER

TECHNICAL SPECIFICATIONS

| Print | |
|--|---|
| Print modes | Express: Up to 37 m ² /hr (398 ft ² /hr) Outdoor Signage: Up to 29.6 m ² /hr (319 ft ² /hr) Indoor Signage: Up to 16.4 m ² /hr (177 ft ² /hr) Photo: Up to 8.6 m ² /hr (93 ft ² /hr) |
| White ink printing Overcoat or undercoat ³ | Outdoor Signage Plus: Up to 7.9 m ² /hr (85 ft ² /hr) Indoor Signage: Up to 7 m ² /hr (75 ft ² /hr) Photo: Up to 3.6 m ² /h (39 ft ² /hr) |
| Print resolution | Up to 1200 x 600 dpi |
| Technology | Piezoelectric inkjet, UV-curable inks |
| Ink types | UV-curable, pigment-based ink |
| Ink cartridge colors | Cyan, magenta, yellow, black, light cyan, light magenta, white (optional) |
| Ink drop | Variable drop size |
| Ink cartridge size | 3 liter (cyan, magenta, yellow, black, light cyan, light magenta) 2 liter (white) |
| Media | |
| Handling | Flatbed, sheet feed, and roll feed with optional HP Scitex FB500 Roll-to-Roll Upgrade Kit. Vacuum belt media drive for easy loading and accurate media advance |
| Rigid media support | Standard input and output tables support rigid materials up to 122 x 163 cm (48 x 64 in). The optional HP Scitex FB500 Extension Tables support rigid materials up to 305 x 163 cm (120 x 64 in) |
| Roll-fed media support | Optional HP Scitex FB500 Roll-to-Roll Upgrade Kit supports flexible media up to 163 cm (64 in) wide, with a roll diameter of up to 23 cm (9 in), up to 81 kg (180 lb) in weight |
| Thickness | Up to 64 mm (2.5 in) |
| Connectivity | |
| Interfaces (standard) | Fast Ethernet (100 Base-T) with TCP/IP protocol and DHCP support |
| UV energy source | |
| | Dual shuttered UV lamps. Independent user-selectable control of shutter aperture and of three lamp power levels. |
| Dimensions (w x d x h) | |
| Printer | 325 x 142 x 152 cm (128 x 56 x 60 in) |
| Printer with standard tables | 325 x 282 x 152 cm (128 x 111 x 60 in) |
| Shipping | 363 x 170 x 183 cm (143 x 67 x 72 in) |
| Weight | |
| Printer | 719 kg (1586 lb) |
| Printer with tables | 789 kg (1739 lb) |
| Shipping | 1050 kg (2315 lb) |
| What's in the box | |
| | HP Scitex FB500 Printer; standard input and output tables; HP webcam with 5 m (16 ft) USB cable; cleaning kit; user documentation; site preparation guide; power cord; auxiliary power supply; installation kit |
| Operating conditions | |
| Temperature | 20 to 30° C (68 to 85° F) |
| Humidity | 20 to 80% RH (non-condensing) |
| Power | |
| Maximum | 2500 watts |
| Printing | 1219 watts |
| Requirements | Input voltage: 200 to 240 VAC, single-phase, 50/60 Hz, 12 A max |
| Certification | |
| Safety | CE, UL, cUL |
| Electromagnetic | CISPR-A, FCC-A, MIC |
| Environmental | RoHS, WEEE |
| Warranty | |
| | One-year limited warranty |

ORDERING INFORMATION

| Product | |
|-------------------------------|---|
| CQ114A | HP Scitex FB500 Printer |
| Accessories | |
| CQ118A | HP Scitex FB500 White Ink Upgrade Kit |
| CQ116A | HP Scitex FB500 Roll-to-Roll Upgrade Kit |
| CQ117A | HP Scitex FB500 Extension Tables |
| CQ121A | HP Scitex FB500/950 Printer Cleaning Kit |
| CH231A | HP UV Replacement Bulb |
| CQ755A | HP Scitex Caldera RIP Software |
| CQ756A | HP Scitex Onyx RIP Software |
| Original HP ink cartridges | |
| CH216A | HP FB250 3-liter Cyan Scitex Ink |
| CH217A | HP FB250 3-liter Magenta Scitex Ink |
| CH218A | HP FB250 3-liter Yellow Scitex Ink |
| CH219A | HP FB250 3-liter Black Scitex Ink |
| CH220A | HP FB250 3-liter Light Cyan Scitex Ink |
| CH221A | HP FB250 3-liter Light Magenta Scitex Ink |
| CQ123A | HP FB251 2-liter White Scitex Ink Cartridge |
| Original HP maintenance fluid | |
| CH122A | HP 1-liter UV Printhead Flush |
| Applications | |
| | POP/POS |
| | Exterior signage |
| | Exhibition, event graphics |
| | Interior decoration |
| | Directional rigid signage |
| | Outdoor furniture |
| | Short-run packaging |
| | 3D displays |

- (1) Flexible media printing with an optional HP Scitex FB500 Roll-to-Roll Upgrade Kit. Printing performance may vary depending on media.
- (2) The printer employs fully automatic printhead testing and maintenance systems.
- (3) Use of white ink requires a separate purchase of the HP Scitex FB500 White Ink Upgrade Kit.
- (4) HP Scitex FB500 Extension Tables are required for long materials.
- (5) For light colored media.
- (6) With the exception of the optional HP FB251 2-liter White Scitex Ink Cartridge.
- (7) This speed reflects Express print mode, the highest print speed for outdoor signage to be viewed from very long distances.
- (8) The onboard camera detects misfiring nozzles. The printer then uses algorithms to compensate by substituting in working ones, in order to maintain quality without reducing speed. Not all misfiring nozzles can be compensated.

TO LEARN MORE, VISIT WWW.HP.COM/GO/SCITEXFB500

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