HP Scitex FB700 Industrial Printer

Boost productivity on rigid and flexible media[1]

Boost productivity and increase your capacity

- Print fast, produce high-volumes, and increase your capacity—load, print, and collect media simultaneously
- Load up to 6 sheets of media fast with the help of automated features; no masking is required
- Reduce interruptions—no daily printhead maintenance;[2] 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—and outdoor display permanence
- Show clients what's possible; do more with white ink,[3] double-sided prints, matte/gloss, and full bleeds
- Print directly on virtually any rigid or flexible material[1]—even on corrugated plastic with good ink adhesion
- Say yes to just about any request—even when asked to print on thick, heavy, and long[4] materials

Achieve true peace of mind with always-on printing

- Work comfortably—HP UV-curable inks do not require special ventilation[5]
- Rely on a robust, high-volume design—including a sturdy media advance system and heavy-duty tables
- The HP Scitex FB700 Industrial Printer makes it easier than ever to use white ink[3]
- Experience peace of mind with this reliable HP Scitex printer and HP Scitex Print Care maintenance assistance

For more information, please visit:
hp.com/go/ScitexFB700

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[1] Flexible media printing with an optional HP Scitex FB700 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/FB700 White Ink Upgrade Kit.

[4] HP Scitex FB700 Extension Tables are required for long materials. Two sets are required for printing materials up to 3.05 m (120 in) long.
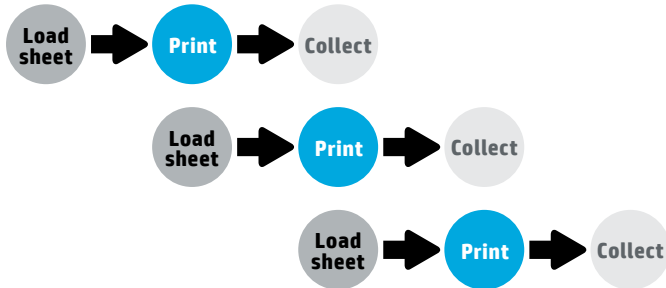
[5] Special ventilation equipment (air filtration) is not required to meet U.S. OSHA requirements. Special ventilation equipment installation is at the discretion of the customer—see the Site Preparation Guide for details. Customers should consult

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 FB700 workflow

Load sheet → **Print** → Collect

Load sheet → **Print** → Collect

Load sheet → **Print** → Collect

Competitor's workflow

Load sheet → Add tape → **Print** → Collect → Load sheet → **Print** → Collect → Load sheet → **Print** → Collect

Loading media is fast and easy, no masking is required
- Use the automatic alignment bar and pins to load up to 6 sheets at the same time—no masking required
- Print a different image on each sheet with the multi-image "N-up" feature

Minimize interruptions
- The HP Scitex FB700 automated service station maintains printhead health without daily manual maintenance. The 3-liter ink supplies[6] allow you to print long runs without stopping. Control the HP Scitex FB700 Industrial Printer remotely thanks to the HP Embedded Web Server

Maximize your capacity
- Print on media up to 2.5-meters (98-inches) wide and, with the optional extension tables, on larger sheets up to 3-meters (120-inches) long. And when not in use, the foldable tables store away easily, saving valuable space

Rely on the HP Scitex FB700 printer's robust design
- A belt-driven system and high-resolution encoder ensure precise media flow. The printer adjusts for misfiring nozzles—for consistent results.[7] HP Scitex Print Care maintenance assistance helps maximize uptime. And the fully-enclosed printing area reduces the risk of danger to the operator due to UV light or moving parts exposure

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[6] With the exception of the optional HP FB251 2-liter White Scitex Ink Cartridge.
[7] 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.

Discover endless application possibilities

Produce high-value applications and create new profit potential for your business with the endless versatility of the HP Scitex FB500/FB700 Industrial Printers.

- Print on rolled flexible materials with the Roll-to-Roll Upgrade Kit to create huge and stunning outdoor applications
- Use the white ink in-line system to print on virtually any transparent, translucent, or colored materials
- Create eye-catching metallized effects with the certified Color-Logic Solution[8]
- Print on extremely thick materials—up to 6.4 cm (2.5 inches)—and create unique applications such as doors
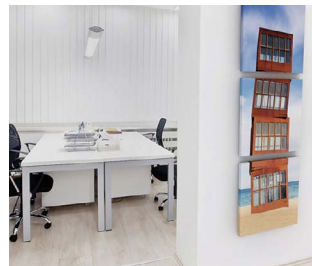

Retail POP/POS
- Create hundreds of different unique retail applications with your HP Scitex FB700 Industrial Printer and satisfy any of your customer needs, providing them FSDU, window and floor graphics, posters, displays, and standees
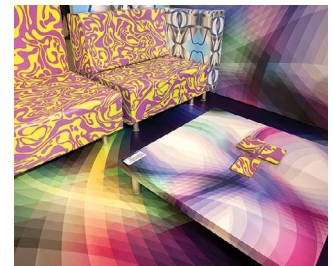
Outdoor signage
- Take advantage of HP UV-curable ink technology, providing outdoor applications such as real estate and directional signs, hoardings, billboards, and more—achieving a display permanence of 2 to 3 years without lamination on a wide range of materials[9]

Fine art and decoration
- Dive into the trendy market of decoration with your HP Scitex FB700 printer. Print an endless range of high-value applications such as doors, mirrors, stunning textured foam board pictures, or even eye-catching metallized[10] wallcoverings. Create your own personalized wallcoverings with the easy-to-use, cloud-based[11] HP WallArt Solution. To sign up for free, visit hpwallart.com

Exhibition and events
- Start printing now on honeycomb board, offering to your customer personalized furniture for their events among other applications such as double-sided banners, truss structures, rigid and flexible backdrops, and more

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8   Requires a separate purchase of the HP Scitex FB500/FB700 White Ink Upgrade Kit.
9   Image permanence estimate by HP Image Permanence Lab. Display permanence tested August 2010 according to SAE J2527 using HP FB250 and FB251 Scitex Inks on a range of rigid media with up to 4 years display permanence achieved using color inks on HP Permanent Gloss Adhesive Vinyl; in a vertical display orientation in simulated nominal outdoor display conditions for select high and low climates, including exposure to direct sunlight and water; performance varies based on the color/white ink overlay combination; in addition performance may vary as environmental conditions change. For the other commercially-available media tested: actual results may vary, this information is provided for reference purposes only. For more information, see globalBMG.com/hp.
10 Metallized effects created with the Color-Logic plug-in. Requires a separate purchase of the HP Scitex FB500/FB700 White Ink Upgrade Kit.
11 Requires an HP WallArt account, Internet connection, and connected Internet-capable device. For more information, see hpwallart.com.

Technical specifications

Print modes	Billboard: Up to 80 m²/hr (861 ft²/hr)
	Express: Up to 42.2 m²/hr (455 ft²/hr)
	Outdoor Signage: Up to 34 m²/hr (366 ft²/hr)
	Indoor Signage: Up to 18.8 m²/hr (202 ft²/hr)
	Photo: Up to 9.9 m²/hr (107 ft²/hr)
White ink printing overcoat or undercoat[12]	Outdoor Signage Plus: Up to 9 m²/hr (97 ft²/hr)
	Indoor Signage: Up to 7.9 m²/hr (85 ft²/hr)
	Photo: Up to 4.1 m²/h (44 ft²/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 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 FB700 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 250 cm (48 x 98.4 in). Two sets of the optional HP Scitex FB700 Extension Tables support rigid materials up to 305 x 250 cm (120 x 98.4 in)
	Roll-fed media support: Optional HP Scitex FB700, Roll-to-Roll Upgrade Kit supports flexible media up to 250 cm (98.4 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 (100Base-T) with TCP/IP protocol and DHCP support
UV energy source	Dual shuttered UV lamps. User-selectable control of three lamp power levels
Dimensions (w x d x h)	Printer: 411 x 142 x 152 cm (162 x 56 x 60 in)
	Printer with standard tables: 412 x 254 x 152 cm (162 x 100 x 60 in)
	Shipping: 435 x 170 x 183 cm (171 x 67 x 72 in)
Weight	Printer: 814 kg (1793 lb)
	Printer with tables: 865 kg (1905 lb)
	Shipping: 1223 kg (2695 lb)
What's in the box	HP Scitex FB700 Industrial Printer; standard input and output tables; HP webcam with 5 m (16 ft) USB cable; foot switch; 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)
	Relative Humidity: 20–80%, non-condensing (with synthetic media 40% min recommended to avoid static electricity; with paper-based media 60% max recommended to avoid buckling)
Power	Maximum: 2500 watts
	Printing: 1800 watts
	Requirements: Input voltage: 200 to 240 VAC, single-phase, 50/60 Hz, 12 A max
Certification	Safety: CE, UL, c-UL
	Electromagnetic: CISPR-A, FCC-A, MIC
	Environmental: RoHS, WEEE
Warranty	One-year limited warranty

Ordering information

Product	CQ115A	HP Scitex FB700 Industrial Printer
Accessories	CQ118A	HP Scitex FB500/FB700 White Ink Upgrade Kit
	CQ119A	HP Scitex FB700 Roll-to-Roll Upgrade Kit
	CQ120A	HP Scitex FB700 Extension Tables
	CQ121A	HP Scitex FB500/FB700/FB950 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

[12] Use of white ink requires a separate purchase of the HP Scitex FB500/FB700 White Ink Upgrade Kit.

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