



HP Scitex FB950 Printer

Overview

Built to stand up to demanding production environments, the HP Scitex FB950 Printer is a robust, high-volume flatbed UV printer that delivers high-quality output on virtually any rigid⁽¹⁾ or flexible media,⁽²⁾ for the production of durable outdoor and indoor applications, such as point-of-purchase/point-of-sale (POP/POS) displays, tradeshow graphics, banners and street furniture. Innovatively designed to increase productivity and profitability, the HP Scitex FB950 Printer helps print service providers (PSPs) accommodate a greater range of customer requests and grow their businesses with efficient media loading and the ability to print multiple sheets at the same time.

Six HP Scitex FB250 color inks and printheads with variable sized drops combine to produce great image detail – up to 1200 x 600 optimized dpi – and smooth color transitions across a wide variety of media. Advanced features such as an onboard camera, spectrophotometer, embedded software and a solid media feed system ensure consistent results and worry-free operation.

With the HP Scitex FB950 Printer, designed to be productive and reliable in high-volume print environments, PSPs can have peace of mind knowing they are backed by HP's award-winning support.

Key features and benefits

- Offers multiple production modes to match the speed and quality best suited to the application, including:
 - Billboard mode achieves maximum print speeds of 80 m²/hr (861 ft²/hr) at 600 x 300 optimized dpi for prints that will be viewed from the distance
 - Production mode prints at speeds up to 42.2 m²/hr (455 ft²/hr) at 600 x 300 dpi and 21.1 m²/hr (226 ft²/hr) at 600 x 600 dpi
 - High-quality mode produces maximum image quality at prints speeds of up to 10.5 m²/hr (113 ft²/hr) at 600 x 600 optimized dpi
- Produces double-sided or edge-to-edge (full-bleed) prints⁽³⁾ to save finishing time and increase productivity
- An easy-to-use media load system minimizes time between sheets when printing multiple copies and allows the user to simultaneously load the next set of boards while printing
- Simultaneously print multiple copies on up to six sheets of rigid media, such as pre-cut sign boards, or print copies on large sheets up to 2.5m (98.5 inch) wide and 381 cm

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(150 inch) in length with a second set of roller tables

- An intuitive, graphical touch screen control panel communicates printer status at a glance and saves time by storing the jobs printed most frequently f²/hr, so they can be reprinted from the control panel without returning to the RIP
- The solid media feed system includes a vacuum-belt-driven media advance system, two heavy-duty roller tables, a media alignment bar and two media flatness rollers⁽⁴⁾
- Using the onboard camera, the printer aligns the printheads to ensure precise positioning of ink drops and that misfiring nozzles are detected and substituted by working ones, all of which maintains quality without reducing speed
- An automated printhead service station maintains the health of the printheads without requiring operator intervention
- An onboard spectrophotometer and support from the user's RIP⁽⁵⁾ ensures predictable and accurate colors. Printer-generated targets are scanned and measured so the RIP can access them to apply color linearization and create color profiles
- Ideal for high-quality POP/POS signage, real estate signage, tradeshow graphics, interior decoration, packaging sampling, banners and street furniture

Inks

- Six-color HP Scitex FB250 UV Inks produce very low Volatile Organic Compounds (VOCs), facilitating an improved printing environment
- Inks are distributed in three-liter, high-capacity containers to minimize interruptions and increase productivity⁽⁶⁾
- Printheads with variable-sized drops produce vivid image detail and smooth color transitions across a wide variety of media
- Interactive technology built into the HP Scitex FB950 Printer and HP supplies tracks and displays the amount of ink remaining for each color, enabling operators to monitor the ink available and plan ahead prior to long print runs

Media

- Prints directly on virtually any rigid⁽¹⁾ or flexible media,⁽²⁾ including corrugated or compressed carton; foam board; plastics like corrugated polypropylene, PVC or acrylic; or specialty material like glass, wood and aluminum
- The optional roll-fed and take-up system enables print production on a variety of inexpensive roll-fed material such as vinyl, fabrics, films, paper and more
- Prints on warped, uneven or heavy media up to 56.7 kg (125 lb) in weight and up to 6.3 cm (2.5 inch) thick
- Automatically detects heavy or thick media and adjusts the media advance and printhead height adjustment accordingly

Pricing and availability

Contact an HP sales representative for pricing and services information.

The HP Scitex FB950 Printer will be available for worldwide general purchase on November 15, 2008.



Additional information

More information about HP's Graphic Arts portfolio is available at www.hp.com/go/graphicarts.

- (1) Reflective substrates are not supported.
- (2) Flexible media printing with an optional Roll-fed Media Supply and Takeup system.
- (3) Double-sided and full-bleed prints are available on rigid media only.
- (4) Optional roller tables must be purchased separately.
- (5) This feature may not be supported by all RIPs. Check manufacturer specifications.
- (6) One-liter cartridges included with printer as start-up kit; replacement inks sold in three-liter cartridges only.

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