

HP Scitex FB910 Printer

Move your business forward and get everything you want in an industrial flatbed printer: unlimited versatility, an efficient workflow, and robust durability at fast print speeds. UV inks offer vivid, durable color, and HP quality saves you time and money.



Built reliably to handle industrial environments.

- **Expect quality results from this high-speed, industrial flatbed printer.** Designed to be a high-volume production system, the HP Scitex FB910 Printer delivers true 600 x 600 dpi output, using 16 long-lasting, industrial-quality piezo printheads. Using four printheads per process color, it delivers print speeds up to 811 ft²/hr (74.3 m²/hr).
- **Built for high-volume environments.** Design-engineered for demanding, industrial printing environments, the HP Scitex FB910 is a robust printer with a variable vacuum belt-driven media feed system, two heavy-duty roller tables, and a pneumatic media alignment bar and rollers.
- **Skip the interruptions with high-capacity, 3-liter ink containers.** Enjoy long print runs and increased productivity with 3-liter, high-capacity ink containers. Tightly sealed, leak-proof HP Scitex FB240 ink cartridges enable easy, no-mess ink changes, while protecting the ink from light exposure.
- **Experience HP's legendary reliability and ruggedness.** Built to stand up to today's demanding production environment, the HP Scitex FB910 Printer offers quality and trouble-free printing you can count on. And if you ever do need support, HP's award-winning support is among the best. Experience peace of mind, knowing you're covered.

Streamline your rigid printing workflow with HP quality.

- **Designed to maximize productivity and workflow efficiency.** Continue to load media while printing with separate loading and print zones. 15 vacuum zones enable the printer to move small or large sheets from the load zone through the print zone. Simultaneously print up to six sheets of rigid materials, such as pre-cut sign boards, at one time. Once the first set of boards has begun to print, vacuums in the load zone turn off and a media alignment bar drops down, allowing you to load a second set of boards while the first set is still printing.

- **Save time by storing jobs you print often.** Skip setup and print subsequent jobs even more quickly with Quick Load settings. Save the settings for jobs you print frequently and select them from the Stored Jobs menu on the control panel. Stored jobs can be reprinted without sending them from the RIP.

Expand your business and impress customers with unlimited rigid media versatility.

- **Open your business to new markets and new possibilities.** The HP Scitex FB910 Printer enables you to print directly on virtually any rigid, thick, or heavy specialty media including glass, wood, metals, or more conventional media such as foam board, PVC, corrugated plastic, and MDO/MDF up to 2.75 inches (7 cm) thick. Print on warped or uneven surfaces. Impress your customers with precise double-sided output and edge-to-edge (full-bleed) applications. All with the same wide range of vibrant and durable colors.
- **Command attention with eye-catching signage.** HP Scitex FB240 inks are formulated to produce bold, vivid colors that hold up to the elements, both outdoors and in.
- **Expect accurate, consistent results from job-to-job, day-to-day, and media-to-media.** The printer automatically aligns the printheads, ensures that every working jet fires a pixel at precisely the same location in both directions of travel, and detects individual jets that are misfiring and substitutes working jets for the missing jets. When used with the HP RIP Software, the printer performs automatic color calibrations using a high-resolution imaging sensor, photodiode, and embedded software. Get great results every time you print.



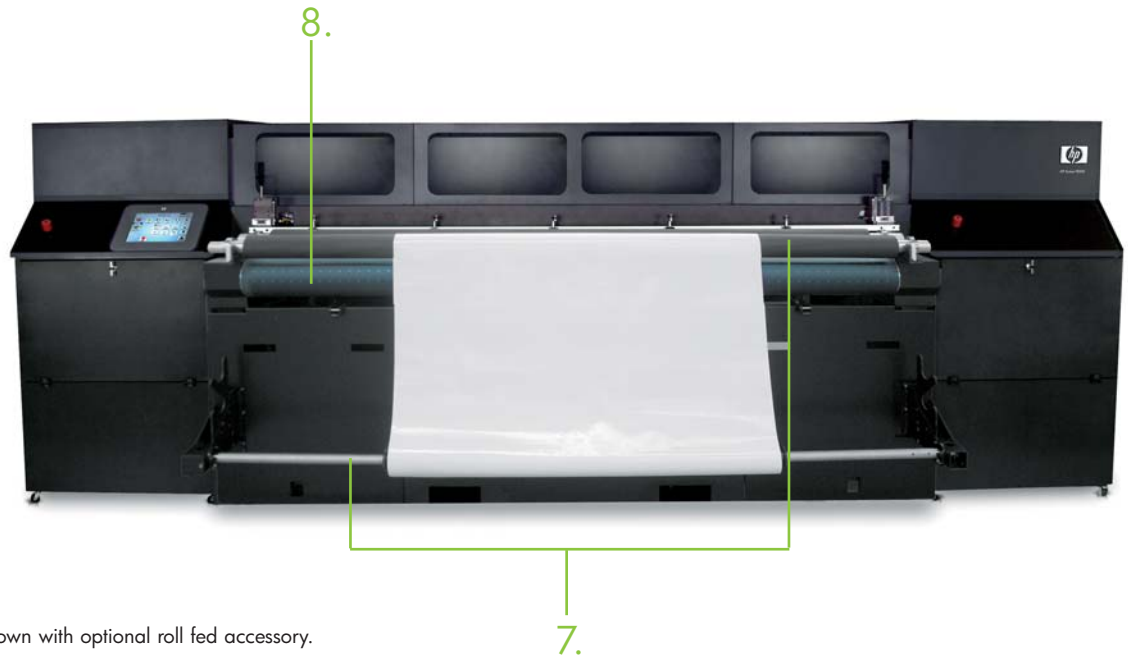
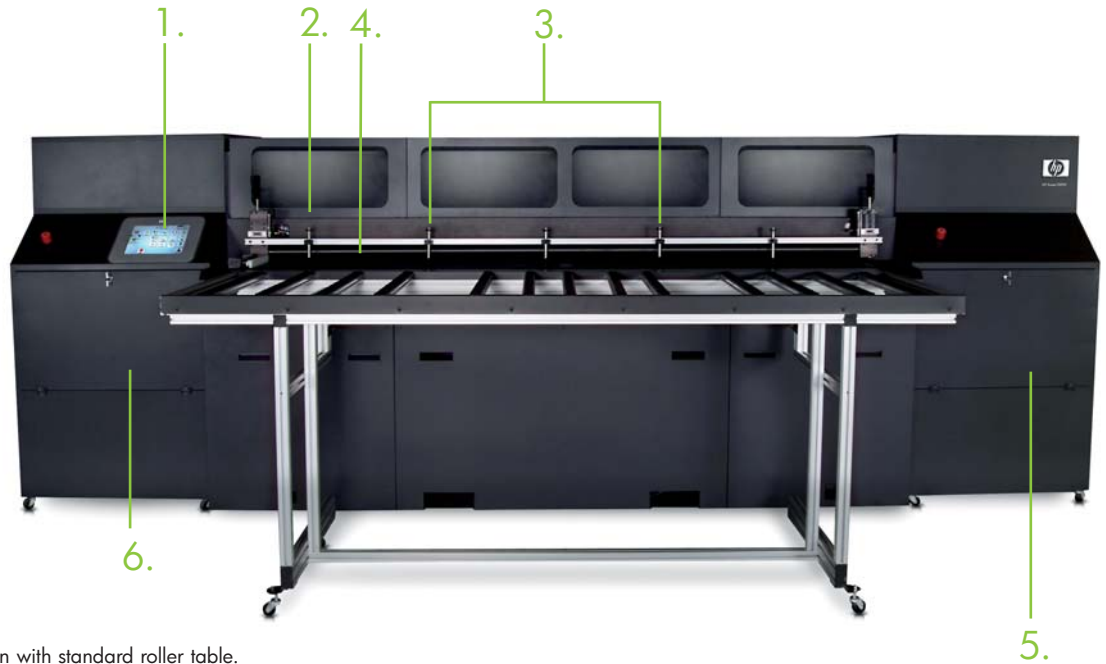
HP Scitex FB240 3-liter ink boxes - for long print runs.



Separate media loading zone and print zone for accurate media feed.

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1. Graphical touchscreen control panel.
2. Pneumatic media alignment bar makes loading sheets fast and accurate.
3. Multi-sheet media alignment pins.
4. Pneumatic input/output media rollers hold warped media flat throughout the print zone.
5. Storage for supplies and accessories.
6. Four 3-liter ink storage with easy access.
7. Optional roll feed supply and take-up system supports media up to 98.4 inches (2.5 m) wide on 2 or 3 inch cores.
8. Variable vacuum belt-driven media feed with 15 vacuum zones.



The HP Scitex FB910 Printer is designed for high productivity environments and delivers high quality graphics on inexpensive rigid or flexible roll materials. Ideal for applications such as:

- POP
- Interior decorations
- Informational signage
- Banners



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Technical specifications

Print speed		
Production (600 x 600 dpi)	225 ft ² /h (20.9 m ² /h)	
Billboard (600 x 600 dpi)	438 ft ² /h (40.7 m ² /h)	
Production (600 x 300 dpi)	438 ft ² /h (40.7 m ² /h)	
Billboard (600 x 300 dpi)	811 ft ² /h (75.4 m ² /h)	
Print resolutions	600 x 600, 600 x 300 dpi	
Print technology	16 piezo inkjet printheads. Drop size approximately 25 picoliters.	
Technology resolution	600 x 600 dpi	
Print Volume	2000 to 5000 average m ² /month, 21,500 to 53,800 average ft ² /month	
Ink		
Ink types	HP Scitex FB240 UV pigment inks	
Print cartridge colors	Cyan, magenta, yellow, black	
Ink cartridge size	3 liter ink boxes with quick disconnect	
Ink drop	25 pl	
Printhead	16 printheads (4 per color)	
Nozzles	1536 nozzles (384 per color)	
Cleaning Solution	HP UV Printhead Flush, 1-liter bottle	
Memory	2 GB	
Media		
Handling	Vacuum belt media drive for easy loading and accurate media feeding.	
Rigid media support	Front and rear roller tables support rigid materials up to 98.4 inches/250 cm in width and 80 inches/200 cm in length. A second set of roller tables (optional) support rigid materials up to 150 inches/380 cm in length.	
	Optional Supply & Take-up system supports up to 98.4 inch/2.5 m wide roll-fed media on 2 or 3 inch cores.	
Thickness	Up to 2.75 in/7 cm	
Maximum width	98.4 in/250 cm (rigid and roll)	
Maximum roll size	9 in/22.8 cm outside diameter	
Print margins	0.25 in/0.64 cm right and left margin on flexible media.	
	Edge-to-edge, full bleed printing on rigid media	
Maximum print length	Limited only to length of supported media.	
Print accuracy	0.1%	
Interface	100 Megabit VideoNet	
UV energy source	Dual 850-watt shuttered UV lamps. User-selectable control of Shuttered, Low, and High settings for leading and trailing lamps.	
Shipping Dimensions		
Weight	3070 lb/1395 kg	
Height	74 in/188 cm	
Depth	55.5 in/141 cm	
Width	216.5 in/550 cm	
Assembled dimensions	without tables	with tables
Weight	1675 lb/761 kg	1825 lb/830 kg
Height	63 in/160 cm	63 in/160 cm
Depth	49 in/124 cm	121 in/307 cm
Width	179 in/454 cm	179 in/454 cm
What's in the box		
	12 liters HP Scitex FB240 ink, 1-liter UV printhead flush, input and output roller tables, 25 ft VideoNet interface cable, documentation, supplies and accessories	

Ordering information

CH108A HP Scitex FB910 Printer

Inks

CH130A HP Scitex FB240 Cyan Ink
 CH131A HP Scitex FB240 Magenta Ink
 CH132A HP Scitex FB240 Yellow Ink
 CH133A HP Scitex FB240 Black Ink
 CH122A HP UV Printhead Flush

RIPs

CH224A HP with Color Profiling RIP Software
 CH225A HP RIP Software
 CH226A HP RIP Software Upgrade
 CH228A Onyx® PosterShop® RIP Software
 CH229A Onyx® ProductionHouse® RIP Software

HW accessories

CH234A HP Scitex FB910 UV Replacement Lamp
 CH235A HP Scitex UV Ink Filter
 CH236A HP Scitex 4-Pack UV Ink Filter
 CH237A HP Scitex UV Lamp Air Filter
 CH240A HP Scitex FB900 Second Set Roller Panel
 CH241A HP Scitex FB900 Roll to Roll Upgrade
 CH242A HP Scitex FB900 Phase Converter Plug Kit

Operating environment

Electrical	200-240 VAC, 3-phase, 50/60 Hz, 16 Amps maximum
Air pressure	Customer-supplied compressed air, 80-120 psi
Operating temperature	68° to 85° F (20° to 30° C)
Operating humidity	20% to 80% Relative Humidity, non-condensing
Warranty	One year on-site parts and labor. Extended warranties available.
Agency compliance/Certification	CE, cUL, UL, FCC-A, RoHS certified.

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