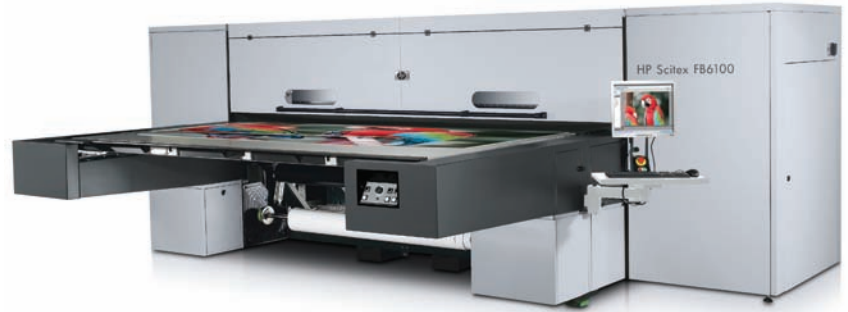


HP Scitex FB6100 Printer series

Print high-quality color on a range of wide-format media. Use rigid media with the HP Scitex FB6050 Printer. Or print rigid and flexible applications with the HP Scitex FB6100 Printer. Both models are fast and designed for industrial environments.



Deliver high print quality fast

- **Create quality graphics that pass the scrutiny of your most discriminating client.** Print vibrant, point-of-purchase displays with impressive print quality—up to 1270 x 800 dpi resolution.
- **Produce a wide range of brilliant 8-color output with 28 picoliter ink drops.** The system—with a small 28 picoliter drop size and accurate registration—produces incredible high-quality images. With 8 colors, you achieve a wider, smoother color gamut for more precise color accuracy and images with minimal graininess.
- **Ensure high-quality prints with this printer's Smooth Print feature.** The Smooth Print feature lets you continue printing even with a missing nozzle without compromising print quality. The software's advanced algorithm ensures high quality and compensates for missing nozzles.
- **Gain versatility without compromising print quality.** The HP Scitex FB6050 Printer produces quality output on rigid media, while the HP Scitex FB6100 Printer converts from a flatbed to a roll-fed printer. Either way, you're able to provide the high-quality results your business demands.

Improve the efficiency of your business

- **Meet your customers' fast turnaround requirements with this printer's new print mode.** Print point-of-purchase/point-of-sale quality output at production print speeds up to 77 m²/hr (820 ft²/hr). This series offers 8-color printing at speeds up to 50 m²/hr (530 ft²/hr) for high-quality indoor prints and 4-color printing at speeds up to 100 m²/hr (1070 ft²/hr) for outdoor applications.
- **Multiply your productivity—print on multiple sheets at once.** Simultaneously print multiple sheets of rigid media, such as pre-cut sign boards, at one time with a 3.2 x 2 m (10.5 x 6.5 ft) table.
- **Designed for high-volume industrial environments.** Robust, reliable, and with a heavy-duty frame, this printer is designed for 24/7 production environments.

Invest in versatility

- **Customize your glossy prints with this printer's Shutters Control Kit.** Fine tune your glossy prints and get the look you want with the Shutters Control Kit. This kit controls the light exposure, delaying the curing process and producing glossier prints.
- **Enjoy outstanding application versatility—print on rigid and flexible media with the HP Scitex FB6100 Printer, while using rigid media with the HP Scitex FB6050 Printer.**¹⁾ Print directly on rigid, thick, or heavy specialty media, like glass, wood, metals, or more conventional media such as foam board PVC, corrugated

plastic, and MDO/MDF up to 50 mm (2 in) thick.¹⁾ The HP Scitex FB6050 Printer is designed for use with rigid media. With built-in, roll-to-roll capability on the HP Scitex FB6100 Printer, you can also print on flexible media such as vinyl, paper, and banners. The roll-fed media system makes it easy to switch between rigid and roll-fed printing modes.

- **Achieve high color fidelity on transparent or colored media with the new HP White Ink System.** Give clients the contrast and color fidelity they desire. With the new and improved HP White Ink System, you can overprint and cover non-white areas of your graphic or use it to make the backside of an image printed on transparent media opaque. Also use white ink as a spot color for reproducing the white elements on an image.
- **Enjoy the flexibility of selecting the optimal image quality for each job you print.** Switch between 4- and 8-color or 6-color + white printing quickly and easily for increased versatility and cost-effectiveness. For photo-realistic images that will be viewed up close, use the 8-color printing for up to 1270 x 800 dpi resolution. Switch to 4-color printing for outdoor applications or for super-fast printing at up to 100 m²/hr (1070 ft²/hr).

Rest assured with a proven industrial platform

- **With two models to choose from—the HP Scitex FB6050 Printer and the HP Scitex FB6100 Printer—you can select the device that best meets your needs.** HP offers multiple printers in this series, so you can select the best option for your working needs. The entry-level HP Scitex FB6050 Printer, which prints on a range of rigid media, is perfect for budget-minded customers; while the HP Scitex FB6100 Printer, which adds roll-fed capabilities, delivers outstanding application versatility, so you can expand your reach.
- **Rely on an industry-renowned, product.** Count on a proven product with a large worldwide install base.
- **Spend more time printing and less time maintaining your printer.** This printer's flatbed table is easy to maintain and clean after extended use.
- **Your printer is available and productive with HP Scitex Support, a name you know and trust.** At HP Scitex, we are fully committed to our clients' long-term success. We are as serious about supporting our clients with top-quality care as we are about providing world-class printing systems. That means we are committed to ensuring that you enjoy maximum uptime and productivity. All HP Scitex programs and services are designed with that single goal in mind. Wherever you are, you can be sure that HP Scitex-certified experts are close by and ready to help.

¹⁾ For some substrates, primer is required.

HP Scitex FB6100 Printer series at a glance

Technical specifications

Print speed	Up to 100 m ² /hr (1070 ft ² /hr)
Print resolution	Up to 1270 x 800 dpi, 2540 x 1600 dpi apparent
Media	
Handling	HP Scitex FB6050 Printer: Rigid sheet-fed media HP Scitex FB6100 Printer: Rigid sheet-fed media, roll feed
Types	Rigid: foam PVC, rigid PVC, corrugated boards, foam-core boards, acrylic sheets, polypropylene, polystyrene, polycarbonate, glass, wood, aluminum and others; roll-fed: ²⁾ vinyl, standard paper, blue back paper, SAV, banner material, flag, and others
Size	Rigid: up to 3.2 x 2 m (10.5 x 6.5 ft); Roll-fed: ¹⁾ up to 2.2 m (7.21 ft) wide
Loading	Rigid: up to 20 kg/m ² (4 lb/ft ²) weight; Roll-fed: ¹⁾ Up to 76 mm (3 in) core; up to 350 mm (14 in) outside diameter; automatic and quick changeover
Thickness	Rigid: Up to 50 mm (2 in) media thickness
Printing	
Technology	Drop-on-demand, piezoelectric inkjet
Ink types	UV-curable pigmented inks, UV-curable white ink
Ink colors	Cyan, magenta, yellow, black, light cyan, light magenta, light yellow, light black, white
Print heads	16 total (2 per color), 256 nozzles/head
Printing modes	8-color 50 m ² /hr (538 ft ² /hr) 8-color 27 m ² /hr (290 ft ² /hr) 8-color 17 m ² /hr (183 ft ² /hr) 4-color 100 m ² /hr (1076 ft ² /hr) 4-color 57 m ² /hr (613 ft ² /hr) 6-color + white 40 m ² /hr (431 ft ² /hr) 6-color + white 23 m ² /hr (248 ft ² /hr) 6-color + white 17 m ² /hr (183 ft ² /hr)
Outdoor durability	Up to 2 years UV and water resistance ²⁾
Ink drop	28 pl
RIP	
Software	GrandRip+ by Caldera or Production House by Onyx
Input formats	All popular graphic file formats, including PostScript, PDF, EPS, Tiff, PSD, and JPG
Front end software features	
	Smooth print feature, Shutters Control Kit, versatile queue management, job-ticket based operation, automatic calibration, management tools, error correction mechanism
Physical characters	
Dimensions (w x d x h)	5.85 x 5.42 x 1.95 m (19.19 x 17.78 x 6.4 ft)
Weight	HP Scitex FB6100: 5500 kg (12,125 lb) HP Scitex FB6050: 4800 kg (10,840 lb)
Operating environment	
Temperature	18 to 28° C (64 to 85° F)
Humidity	40 to 60% RH (non-condensing)
Operating requirements	
Electrical voltage	3-phase, 230/400 VAC, 50/60 Hz, 3 x 25 A
Power consumption	17.8 kVA (14.24 kW)

¹⁾ Roll Media supported by the HP Scitex FB6100 Printer only

²⁾ UV and water resistance without coating or lamination; conditions apply

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	HP Scitex FB6050 Printer	HP Scitex FB6100 Printer
SKU	CG755A	CG714A
Weight	4800 kg (10,840 lb)	5500 kg (12,125 lb)
Media handling	Rigid sheet-fed media	Rigid sheet-fed media, roll feed
Warranty	6-month limited	1-year limited
	hardware warranty	hardware warranty

Ordering information

Product	
CG714A	HP Scitex FB6100 Printer
CG755A	HP Scitex FB6050 Printer

Original HP printing supplies

40-6211	HP FB210 4x1L Yellow Scitex Ink
40-6212	HP FB210 4x1L Light Yellow Scitex Ink
40-6213	HP FB210 4x1L Magenta Scitex Ink
40-6214	HP FB210 4x1L Light Magenta Scitex Ink
40-6215	HP FB210 4x1L Cyan Scitex Ink
40-6216	HP FB210 4x1L Light Cyan Scitex Ink
40-6217	HP FB210 4x1L Black Scitex Ink
40-6218	HP FB210 4x1L Light Black Scitex Ink
40-6360	HP FB210 4x1L White Scitex Ink

Primers

40-6290	HP PT40 1L Specialty Glass Scitex Solution
40-6292	HP PT50 1L Specialty Melamine Scitex Solution
40-6291	HP PT60 1L Specialty Acrylic Scitex Solution
40-5207	HP PT70 4x1L Specialty Polycarbonate Scitex Solution

Maintenance fluid

CH880A	HP MF25 4x1L Scitex Cleaner
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Applications

POP rigid
Directional rigid signage
Rigid exhibition and event graphics
Specialty rigid applications
Interior design & product decoration
Short-run packaging
Flexible substrates (HP Scitex FB6100 Printer only)

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