

Nu Graphics HP Scitex FB 6100 Printer – simply the best flat bed solution from your proven leader in digital printing



Incredible print quality – FAST

- **Create vivid and detailed graphics.**

Print point-of-purchase displays with greater color density and impressive print quality with up to 1270 x 800 dpi resolution. Use opaque white to print amazing color on glass and other rigid or translucent substrates.

- **Expect dazzling results across multiple print jobs.**

Nu Graphics' HP Scitex Inks delivers exceptional image quality printing directly on a broad range of rigid and flexible media. They provide a wide color gamut, delivering vibrant colored outputs.

- **Unmatched flexibility.**

The HP Scitex FB6100 Printer quickly converts from a flatbed (10.5' x 6.5' bed) to a roll-fed (up to 7.2' wide) with the same high quality output.

- **Produce a wide range of brilliant 8-color output with 28 picoliter ink drops.**

The small 28 picoliter drop size enables incredibly high-quality images.



Designed to print every large format job more efficiently – on nearly any substrate

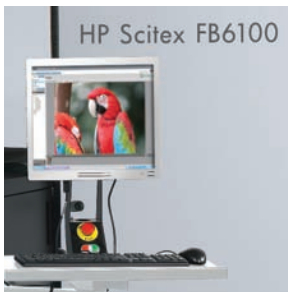
- **Designed to meet all of your large format needs – from small to large jobs.** Print point-of-purchase/point-of-sale quality output at production print speeds up to 66 m²/hr (700 ft²/hr).

- **Multiply your productivity by printing multiple images per sheet at once.** Simultaneously print multiple images to rigid media, such as pre-cut sign boards, at one time on our large flat bed table.

- **Print faster and save money with no ink drying.** Because UV inks cure instantly when exposed to UV light, printed output can be handled, stacked or cut, packaged, and delivered immediately. And you don't need to mount or laminate the output, saving even more time while improving durability.

- **We can quickly change to roll-fed media system, to maximize our print versatility.** Equipped with a built-in roll feed mechanism, the HP Scitex FB6100 Printer ensures maximum media flexibility so you can print directly onto rigid or rolled media. A simple changeover mechanism makes it fast and easy to switch between rigid and flexible media.

- **Save money (and the environment) by printing with immediate outdoor durability.** Our unique UV cured inks provide up to 2 years fade resistance against water and ultraviolet light without coating or lamination. No lamination means cost savings, faster printing, 20% less waste, and simply less to go wrong for every large format project you send to us. Reducing waste and eliminating lamination and adhesives also minimizes the impact on our environment.



The most versatile flat bed solution available

• **Enjoy outstanding application versatility—print on rigid and flexible media.** Print directly on virtually any rigid, thick, or heavy specialty media, including glass, wood, metals, or more conventional media such as foam board, PVC, sintra, and corrugated plastic up to 2" thick. Built-in roll-to-roll printing allows you to print on flexible, roll-fed media such as vinyl, paper, mesh, and banners.

• **Truly Opaque white is finally here.** The FB6100's white ink capability allows you to overprint and cover non-white areas of your graphic. Or, you can use white ink to make the backside of an image printed on transparent media opaque. You can also use white ink as a spot color for reproducing the white elements on an image.

• **“Shutter Control” creates vivid, sharp, and consistent images.**

Shutter control is just one example of the power the HP FB6100 provides us to produce richer solids, and amazing colors – especially for more “challenging” large format printing. Simply put, shutter control allows our press operator to control the UV light intensity, delaying the curing process and allowing the ink to expand before drying which dramatically improves the color uniformity and prevents slurring. Combined with HP's industry leading color management software, you'll be amazed the final image quality.

S P E C I F I C A T I O N S

Print speed

Up to 100 m²/hr (1,070 ft²/hr)

Print resolution

Up to 1270 x 800 dpi

Media

Handling

Flatbed, rigid sheetfed 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: 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: up to 2.2 m (7.21ft) wide

Loading

Rigid: maximum load 20 kg/m² (4 lb/ft²); roll-fed: 76 mm (3 in), core up to 350 mm (14 in) outside diameter

Thickness

Up to 50 mm (2 in) thick

Printing

Technology

Drop-on-demand piezoelectric inkjet

Ink types

UV-curable pigmented inks

Ink cartridge colors

Cyan, magenta, yellow, black, white, light cyan, light magenta, light yellow, light black

White ink

Module for printing on colored and transparent substrates

Modes

4, 8 color or 6+white printing modes with automatic switchover

Outdoor durability

Up to two years UV and water resistance without coating or lamination

