

# HP Scitex FB6300

Highly versatile digital wide format flatbed printer



Think big. Take your business and the inherent potential of digital printing to new heights. The HP Scitex FB6300 gives you the flexibility to stretch your imagination and bring even wild ideas to life.

With the ability to print on almost any media up to 40mm/1.57" thick, and a large-format 2 x 3m/78.7 x 118" image size, The HP Scitex FB6300 supports an almost unlimited variety of applications. It utilizes proven drop-on-demand, piezoelectric technology, with a throughput of up to 36sqm/387sqft per hour in high quality - offering the cost effective performance your business needs.



Environmentally-friendly HP Scitex UV Supreme inks offer enhanced adhesion to even the most challenging media, allowing you to print digitally, in exceptionally high-quality on almost any substrate: rigid or flexible, fragile or heavy, smooth or textured, large or small sheets. Whatever the media, whatever the application, the HP Scitex FB6300 lets you print any job in one smooth, highly cost-effective process.

## Key features

### Advanced, user-friendly front end

- Fast, efficient RIP
- Ability to load files while printing
- Comprehensive control of workflow
- Extensive color management, layout tools
- Step and repeat, file preview and tiling
- Support for wide variety of image sources and file types

### Unique stationary vacuum table

- Superb registration; ideal for printing on many small sheets simultaneously
- Excellent at printing on heavy and fragile media
- Easy handling, even of large sheets
- Brush curtains absorb UV light emissions



## Any media - from standard to specialty

- Wider media range due to improved ink adhesion
- Rigid: PVC, polycarbonates, corrugated cardboards, foam board, aluminum, styrene, polyester, wood, glass, ceramics, marble and more
- Flexible: banner, self-adhesive vinyl, paper and more
- Up to 40mm/1.57" thick
- Large format 2 x 3m/78.7 x 118" image size

## HP Scitex UV Supreme ink

- Enhanced flexibility to enable post-print cutting and folding
- Exceptional adhesion
- Environmentally-friendly UV-curable
- Water and abrasion-resistant
- Outstanding results, with vibrant colors on extensive range of media
- On-the-fly curing
- Full system compatibility

## Dedicated applications

- POP/POS
- In-store advertising
- Indoor and outdoor signage
- Exhibition graphics
- Special event graphics: museums/visitor centers/conferences
- Interior design, product decoration and furniture
- Architectural products
- Construction and real estate signage
- Fine art
- Theater graphics

# Product specifications

<b>Technology</b>	Drop-on-demand, piezoelectric inkjet
<b>Workflow components</b>	Onyx® PosterShop® HP Scitex FB6300 Flatbed printing system UV curing system
<b>Resolution</b>	Up to 720dpi
<b>Throughput</b>	Up to 36sqm/hr/387sqft/hr
<b>Colors</b>	4-color CMYK process
<b>Image area</b>	Up to 2 x 3m/78.7 x 118"
<b>Media</b>	<b>Type:</b> wide variety of rigid and flexible sheets <b>Thickness:</b> up to 40mm/1.57" <b>Handling:</b> manual sheet-to-sheet*
<b>Ink</b>	HP Scitex UV Supreme ink series. UV durable for up to 2 years**
<b>RIP</b>	Onyx® PosterShop® dedicated RIP
<b>RIP input</b>	All popular graphic file formats including: EPS, PostScript PDF, TIFF and more
<b>RIP output</b>	TIFF bitmap (4 separations)
<b>Control station</b>	<b>Interface:</b> Network (LAN, 1Gb) <b>Hardware***:</b> Pentium III, 1GHz CPU, 256Mb RAM, 18Gb hard disk <b>Software:</b> Dedicated HP Scitex FB6300 software, Windows 2000
<b>Operating environment</b>	<b>Temperature:</b> 22 - 26°C/72 - 78°F <b>Humidity:</b> 45 - 65% RH
<b>Operating requirements</b>	<b>Electrical Voltage:</b> 3Ph, American and European voltage standards <b>Power consumption:</b> 35kVA (max) <b>Air pressure:</b> 6 - 8atm
<b>Physical characteristics</b>	<b>Size (HWD):</b> 1.65 x 4.1 x 6.55m/5.4 x 13.5 x 21.5ft <b>Weight:</b> 2,500kg/5,510lbs

\* See approved media list

\*\* According to standard ASTM-D2565-99

\*\*\* Or similar

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