

HP Scitex FB6700

High-productivity digital press for high-quality POP displays and short-run packaging



The HP Scitex FB6700 is a high-productivity, high-quality solution for rigid POP and short-run packaging success. Printing directly to rigid sheets of up to 160cm x 320cm (63" x 126"), the HP Scitex FB6700 is ideal for producing a wide range of rigid applications, including POP displays, samples, short-run packages and exhibition stands.

Key features

Fully automated workflow

Flatbed industrial digital inkjet press equipped with:

- Fully automatic printing process, including loader, digital press, dryer and unloader allowing easy access and maintenance, with strong weightlifting capability
- Built-in automatic print head maintenance unit enabling production speed throughputs

HP Scitex WB300 Supreme Ink

- Dedicated inks developed for Aprion® print heads
- Environment-friendly, water-based pigmented inks
- Odorless, non-flammable and non-toxic
- UV, abrasion and water-resistant

Aprion® print heads

Piezoelectric drop-on-demand

- High print speed (25,000 droplets/sec/nozzle)
- True 600dpi
- Simple design increases product reliability
- Multi-layer structure - Only 1.5mm thick

Hot air dryer

In-line hot air dryer specially designed for corrugated and plastic boards, as well as other substrates.



Key benefits

- Enables cost-effective short and medium runs, with high-quality output
- Highly productive at true 600dpi
- Enables fast & flexible job turnaround
- Large format media handling - up to 320cm (126") length
- Just-in-time - Quick response to market demand
- No films, no plates, no set-up
- Inventory control and storage reduction
- Odor-free, environment-friendly water-based pigmented ink
- Robust industrial printer for increased efficiency
- Non-contact printing - Prints directly on corrugated and other rigid substrates
- Automatic print head maintenance system
- Wide range of rigid substrates widths and thicknesses
- Online digital proofing
- Can be operated by one person

Dedicated applications

- Rigid POP displays
- 3D POP stands
- Open-box packages and displays
- In-store promotions
- Short-run packaging for test runs
- Short-run packaging for seasonal promotions and one-off events
- Package samples for production and marketing

Product specifications

Technology	Aprion® proprietary piezoelectric drop-on-demand print heads and matched inks
Workflow components	Front-end; automatic substrate loading; online pre-treatment; print engine; automatic substrate unloading and in-line hot air dryer
Print resolution	True 600dpi
Media	Size: Up to 160 x 320cm (63 x 126") Type: Corrugated and compressed cardboard, foam board, foam PVC and other rigid substrates* Thickness: Rigid substrates up to 12mm (0.47") Substrate handling: Sheet-to-sheet automatic loading & unloading with lifting weight of 750kg (1,690lbs)
Ink	HP Scitex WB300 Supreme ink Pigmented, water-based Water-resistant UV-fast (up to 2 years Central Europe)** Abrasion-resistant Online ink replacement Ink containers: 3.8 liters (1 gallon)
Colors	Full process color C, M, Y, K, LC, LM
Throughput	Up to 150sqm/hr (1,614sqft/hr) Up to 29 full size sheets/hour (160 x 320cm - 63 x 126")
Image size	Up to 155 x 320cm (61 x 126")
Screening type	Stochastic (FM)
Physical characteristics of printer	Weight: 8,000kg (17,600lbs) Size (HWD): 244 x 320 x 1773cm (8 x 10.5 x 58.17ft)
Printer controller	Hardware: PC platform included Aprion proprietary software: for job and image handling Input format: CT, LW
RIP software: ApriRIP2 included	Input format: PS, EPS, PDF Output format: CT, LW

* See approved media list

** According to standard ASTM-D2565-99

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399000326, 04/2006

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