



HP Scitex TJ8300/TJ8500

Digital screen printers

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The HP Scitex TJ series lets you choose the ideal technology for your targeted applications and still get the one of the fastest wide format digital presses available. For a solvent ink process, choose the HP Scitex TJ8300; for UV printing, go with the HP Scitex TJ8500. Both ways, the HP Scitex TJ series' combination of high quality, high throughput, extensive flexibility and advanced capabilities opens a world of opportunities.

Key differences

HP Scitex TJ8300

Solvent inks
External drying system
Wide choice of media

HP Scitex TJ8500

UV curable inks
Internal curing system
Wider media options

Key features

Industry-leading productivity

- Up to 66 sheets of 165 x 370cm (65 x 145") per hour
- Up to 400sqm (4,306sqft) per hour
- Choice of modes
- Load file while printing feature
- Automatic media loading

Superb quality

- 6-color printing, up to 600dpi, with sharp 8-point text*

Onyx® Production House® RIP

- Option to work in parallel
- Enhanced color management
- Intuitive, easy-to-use interface
- Supports TIFF, EPS, PS, JPEG, Photoshop and more

Advanced technology and system design

Provides a sleek production system that delivers quick return on investment (ROI). The media is roll-fed to the buffer, cut to length and loaded onto the revolving drum.

HP Scitex TJ8300: The sheet is automatically removed from the drum and slides onto the drying unit.

HP Scitex TJ8500: The UV lamp cures the ink with each drum revolution.



Custom-designed printheads bridge

150 printheads enable exceptional production and output quality.

Dedicated inks

- Custom-designed inks optimize each printer and ensure constant production
- Up to two years outdoor durability
- HP Scitex TJ8500: environmentally friendly UV curable inks meet regulatory requirements and enable compact system with no external dryer
- HP Scitex TJ8300: high quality, vibrant, solvent based inks specially formulated for high productivity and high quality printing

Advanced, user-friendly front-end

Wide range of features and options, including tiling to columns or rows, crop files, add image option, step and repeat queue and archive.

Extensive choice of media - from uncoated to high-profit

Both systems print on uncoated or untreated materials, including paper, self-adhesive vinyl, banner, canvas, paper-back flag; HP Scitex TJ8500 also prints on uncoated synthetic media.

Dedicated applications

- Indoor and outdoor signage
- Paper and SAV billboards
- Bus shelters
- Vehicle wraps and fleet marking**
- Visual branding solutions
- Popup displays and posters
- Backlit indoor and outdoor signage***
- Exhibition and event banners
- Floor and window graphics
- Textiles, including canvas

*apparent

**HP Scitex TJ8300

***Double strike for backlit application

Product specifications

The system's configuration includes	Printing system, with internal front-end station. Dedicated dryer - HP Scitex TJ8300 only. Dedicated collecting table. Dedicated RIP software.
Technology	Multi-head, drop-on-demand piezoelectric inkjet printing Applies 6 colors simultaneously
Image area	Up to 156cm x 366cm/61" x 144" (162 x 370cm with degradation in the edges/63" x 145") rectangular prints (not diagonal) - Includes overlap and margin area
Colors	Six color system – C, M, Y, K, LC, LM
Resolution	Best quality mode: 600dpi (apparent) High quality mode: 448dpi Production mode: 336dpi
Screening	Error diffusion, stochastic
Media type	Uncoated flexible substrates such as Indoor and outdoor wet strength digital paper, Self-adhesive vinyl, Polystyrene and backlit materials, PVC banner, Window graphics and other flexible media. Also uncoated synthetic paper and similar for HP Scitex 8500.
Media size	Minimum loading: 120 x 160 cm (47 x 63") minimum Maximum loading: 165 x 370 cm (65 x 145") maximum 6" core formation Maximum media weight: 250 kg
Media handling	Roll-to-sheet: automatic
Printing modes	HP Scitex TJ8500 only: 600dpi (apparent) up to 17 sheets/hr (100sqm/hr/1,075sqft/hr) 448dpi up to 33 sheets/hr (200sqm/hr/2150sqft/hr) 336dpi up to 66 sheets/hr (400sqm/hr/4304sqft/hr) 336dpi up to 50 sheets/hr (300sqm/hr/3229sqft/hr)
Ink	6 colors - CMYK, LC, LM – Outdoor durability (light fastness): up to 2 years Inks are UV-durable for up to 2 According to standard ASTM-D2565-99 HP Scitex TJ8300: HP Scitex TJ100 Supreme pigmented solvent-based inks HP Scitex TJ8500: HP Scitex UV850 supreme, UV curable inks
Front-end software features	Loading new file during printing, queuing, step-and-repeat, tiling, image rotation, image overlay, add element
Electrical requirements	Voltage: Voltage: 220-240V, 3Ph, 50 Hz/110-120V, 3Ph, 60Hz Power consumption: 100 KVA max * HP Scitex TJ series requires 220V, 30KVA (Mutinous consumption)* For 110V countries, the system will be supplied with an adequate transformer
Physical characteristics	Machine: Size (HWD): 203 x 400 x 325cm (80 x 158 x 128")** Weight: 2,700kg (5,952lb) Total site requirement size: HP Scitex TJ8300: 2.25x 7.5 x 19m (10.5 x 25 x 62ft) HP Scitex TJ8500: 3.25 x 9 x 10m (10.5 x 33 x 33ft)

* Required at machine start up

** For both machines, including loader

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