

# HP Scitex TJ8300/TJ8500

Digital screen printers



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 8500. 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 inks  
Internal curing system  
Additional media options

## Key features

### Industry-leading productivity

- Up to 70 sheets of 165 x 370cm (65 x 145") per hour
- Up to 400 sqm (4,304 sqft) 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 integrated dryer cures the ink with each drum revolution.

### Custom-designed print heads bridge

150 print heads 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 inks meet regulatory requirements and enable compact system with no external dryer

### Advanced, user-friendly front-end

Wide range of features and options, including tiling to columns or rows, crop files, add image option, 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



# Product specifications

<b>The system's configuration includes</b>	Printing system, with internal front-end station. Dedicated dryer - HP Scitex TJ8300 only. Dedicated collecting table. Dedicated RIP software.
<b>Technology</b>	Multi-head, drop-on-demand piezoelectric inkjet printing Applies 6 colors simultaneously
<b>Image area</b>	Up to 158cm (163cm with degradation in the edges) x 370cm (64 x 145"), rectangular prints (not diagonal) includes overlap and margin area
<b>Colors</b>	Six color system
<b>Resolution</b>	<b>High quality mode:</b> 600dpi (apparent) <b>Quality mode:</b> 448dpi <b>Production mode:</b> 336dpi
<b>Screening</b>	Error diffusion, stochastic
<b>Media type</b>	Uncoated flexible substrates such as paper, etc.; also uncoated synthetic paper and similar for HP Scitex 8500, indoor and outdoor wet strength digital paper, self-adhesive vinyl, polystyrene and backlit materials, PVC banner, window graphics, other flexible media
<b>Media size</b>	<b>Minimum loading</b> - 120 x 160cm (47 x 63") <b>Maximum loading</b> - 165 x 370cm (65 x 150") <b>6" core formation</b>
<b>Media handling</b>	Roll-to-sheet: automatic
<b>Printing modes</b>	<b>HP Scitex TJ8500 only:</b> 600dpi (apparent) up to 26 sheets/hr (100sqm/hr/1,075sqft/hr) 448dpi up to 52 sheets/hr (200sqm/hr/2,150sqft/hr) 336dpi up to 68 sheets/hr (400sqm/hr/4,304sqft/hr)
<b>Ink</b>	<b>6 colors</b> - CMYK, LC, LM, inks are UV-durable for up to 2 years According to standard ASTM-D2565-99 <b>HP Scitex TJ8300:</b> HP Scitex TJ100 Supreme pigmented solvent-based inks <b>HP Scitex TJ8500:</b> HP Scitex TJ UV pigment based inks
<b>Front-end software features</b>	Loading new file during printing, queuing, step-and-repeat, tiling, image rotation, image overlay, add element
<b>Electrical requirements</b>	<b>Voltage:</b> 220 - 240V, 3Ph, 50Hz/110 - 120V, 3Ph, 60Hz <b>Power consumption:</b> 150 KVA max HP Scitex TJ series requires 220V For 110V countries, the system will be supplied with an adequate transformer
<b>Physical characteristics</b>	<b>Machine:</b> Size (HWD): 190 x 400 x 325 cm (75 x 158 x 128") Weight: 3,000kg (6,600lb) <b>Total site requirement size:</b> <b>HP Scitex TJ8300:</b> 3 x 7.5 x 19m (10 x 25 x 62ft) <b>HP Scitex TJ8500:</b> 3.2 x 10 x 10m (10.5 x 33 x 33ft)

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