

# HP Scitex TJ8550 Printer



Deliver maximum return on your investment with this fast, cost-effective printer. Print at up to 480 m<sup>2</sup>/hr (5,166 ft<sup>2</sup>/hr). Drive business growth—print on a range of sheet and roll-fed media or produce double-sided prints.<sup>1</sup>

## Print more each shift and expand your business

- **Produce more each shift—Print up to 80 sheets/hr with speeds up to 480 m<sup>2</sup>/hr (5,166 ft<sup>2</sup>/hr).** One of the fastest wide-format printers on the market, the HP Scitex TJ8550 Printer delivers up to 158 1.5 x 1.8 m (4.9 x 5.9 ft) posters per hour or 790 1.2 x 1.8 m (3.9 x 5.9 ft) bus shelter posters per eight-hour shift. The printer supports three print speeds so that you can select the print speed ideal for your application: up to 480 m<sup>2</sup>/hr (5,166 ft<sup>2</sup>/hr) in Billboard mode, 300 m<sup>2</sup>/hr (3,228 ft<sup>2</sup>/hr) in POP mode, and 100 m<sup>2</sup>/hr (1,076 ft<sup>2</sup>/hr) in Sample mode.
- **Offer customers a faster turnaround time on long print runs.** Complement your existing printing capabilities. Ideal for long print runs, the HP Scitex TJ8550 Printer is designed for high-speed, high-volume, 24/7 environments. Confidently transfer some of your printing volume to a digital printer and realize the efficiencies of digital printing.
- **Expand your business by adding on-demand and short print run capability.** Beat traditional screen printers on cost and efficiency. With the HP Scitex TJ8550 Printer, you can print samples and proofs on-demand without additional, expensive

equipment. With an all digital process, you save set-up and clean-up time, enabling you to move on to your next print job more quickly. And UV inks cure with light exposure and do not require large drying systems, which saves additional time, improves workflow efficiency, and conserves space.

- **Increase throughput volume with the included high-performance Onyx® I-RIP™ for HP Scitex software.** Complete more than one task at a time. You can quickly transition between jobs by loading the next file while the current job is printing. Because the Onyx® I-RIP™ for HP Scitex was developed for your printer, you can be assured that the software has been fully tested and is compatible with your HP Scitex printer. The long-term partnership between Onyx® and HP also provides a stable upgrade path.
- **Improve workflow and enable precise printing with advanced, user-friendly HP Scitex Operating Software.** The HP Scitex Operating Software offers a wide range of features and options that streamline your workflow and deliver results quickly and accurately. Features include tiling to columns or rows, cropping files, adding elements, rotating and overlaying images, queuing, and archiving. The intuitive graphical user interface makes the system easy to use.

## Enjoy a rapid return on your investment

- **Deliver a rapid return on investment with an industry-leading price per sheet.** Use fewer resources and ink while printing more. High ink coverage enables you to print as many as 1,184 1.2 x 1.5 m (3.9 x 5.9 ft) sized bus shelter posters per eight-hour shift using only one operator and as little as 25 liters of ink, delivering a rapid return on your investment.
- **Reduce your total cost of ownership with cost-effective, tier pricing for ink supplies.** The initial purchase price for hardware is just a small part of your business's total cost of ownership. Over time, the cost of ink plays a more significant role. Tier pricing for ink supplies means that printing becomes increasingly cost-effective the more you print, making it easier than ever to move more volume to digital. And the higher printing speed offered by the HP Scitex TJ8550 Printer gives you the capacity to print more with an impressive turnaround time.
- **Add high-quality, double-sided prints to your business offerings with this proven, easy-to-use solution.<sup>1</sup>** Use your HP Scitex TJ8550 Printer to its fullest when you add double-sided printing capabilities. Produce accurate, high-quality double-sided prints with the HP Scitex TJ Double Sided Upgrade.<sup>1</sup> Upgrade your HP Scitex TJ8550 Printer with a dedicated HP solution that's not only innovative, it's intuitive to operate.

## Astound customers with durable, high-quality prints

- **Print top-quality images with up to two-year outdoor durability<sup>2</sup> with HP TJ200 Scitex Ink.** HP TJ200 Scitex Ink provides high durability, optimized outdoor fade and abrasion resistance, and excellent adhesion to a wide variety of flexible media with an outdoor durability of up to two years.<sup>2</sup>
- **Select the printing mode that best suits your application.** The HP Scitex TJ8550 Printer supports a range of preset print quality modes—Billboard, POP, and Sample mode. Additional user-defined modes are also available. Choose the printing mode (resolution and speed) that best suits your application.
- **Use the software RIP's enhanced color management tools for the best colors your printer can produce.** Apply the dedicated Onyx I-RIP for HP Scitex software's advanced features to control saturation, gray levels, and color replacement. You can modify jobs to achieve just the right look before you print, saving time and money. This software supports a wide array of image formats, including TIFF, EPS, PS, JPEG, Photoshop, and more.

- **Deliver outstanding print quality with an advanced drum technology and system design.** This unique drum technology delivers high quality without compromising speed. Specially designed for the HP Scitex TJ8550 Printer, the 150-printhead bridge enables precise drop-on-demand piezoelectric inkjet printing. All six colors are applied simultaneously for exceptional output quality at very high print speeds.
- **Create attention-grabbing prints with brilliant color, a broader color gamut, and better gloss.** HP Scitex TJ200 Inks deliver brilliant, saturated colors comparable to the highest quality solvent inks. Six separate, custom-designed, pigment-based UV inks were designed to deliver a better, broader color gamut and more gloss than most of the UV inks on the market. HP Scitex printers and inks are designed and tested together to provide consistent, outstanding results every time you print.

## Gain a competitive edge with HP Scitex UV inks

- **Enjoy the freedom to print on almost any flexible media, including Tyvek and Yupo, with UV ink.** Give your business a competitive advantage over traditional systems with the ability to print on media ranging from high-profit to low-cost, uncoated or untreated materials that are ideal for low-margin applications. Print directly on media such as wet strength digital paper, self-adhesive vinyl, polystyrene and backlit materials, PVC banner, uncoated synthetic paper—even Yupo and Tyvek. Whatever the media, fast-curing UV inks deliver outstanding application versatility and long-lasting color.
- **Create a cleaner workplace and reduce errors and waste with a digital printing system.** Eliminate messy equipment like squeegees and mixing palettes. Move on to your next job quickly, without time-consuming cleanup. Reduce your business's environmental impact by printing only what you need when you need it—digital printing results in fewer errors and wasted prints.
- **Enjoy increased uptime and less maintenance using high-quality, robust HP TJ200 UV Scitex Ink.** Designed especially for the HP Scitex TJ8500 Printer series, HP TJ200 UV Scitex Ink offers a wider operational temperature range and better performance and overall stability. And you reduce your maintenance costs with ink filters that last up to one year.

<sup>1</sup> Optional. Must be purchased separately.

<sup>2</sup> Inks are UV-durable for up to two years according to ASTM-D2565-99 standard. Durability depends on media.

# HP Scitex TJ8550 Printer

## Technical specifications

|                             |                                                                                                                                                                                                          |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Print speed                 | Up to 480 m <sup>2</sup> /hr (5,166 ft <sup>2</sup> /hr)                                                                                                                                                 |
|                             | Up to 80 sheets/hr <sup>3</sup>                                                                                                                                                                          |
| Print resolution            | Up to 600 dpi apparent                                                                                                                                                                                   |
| Media                       |                                                                                                                                                                                                          |
| Handling                    | Automatic roll-to-sheet, optional semi-automatic sheet-to-sheet                                                                                                                                          |
| Types                       | Uncoated flexible substrates such as indoor and outdoor wet strength digital paper, self-adhesive vinyl, flag, polystyrene and backlit materials, PVC banner, window graphics, and other flexible media. |
| Size                        | 1.2 x 1.6 to 1.65 x 3.7 m (47 x 63 to 65 x 145 in)                                                                                                                                                       |
| Loading                     | Up to 250 kg (551 lb) rolls, up to 45 cm (18 in) outside diameter                                                                                                                                        |
| Thickness                   | Up to 0.5 mm (19 mil) thick                                                                                                                                                                              |
| Printing                    |                                                                                                                                                                                                          |
| Technology                  | Drop-on-demand, piezoelectric inkjet                                                                                                                                                                     |
| Ink types                   | UV-curable pigmented inks                                                                                                                                                                                |
| Ink compatibility           | HP TJ200 Scitex Ink                                                                                                                                                                                      |
| Ink colors                  | Cyan, magenta, yellow, black, light cyan, light magenta                                                                                                                                                  |
| Print heads                 | 150 total (25 per color)                                                                                                                                                                                 |
| Outdoor durability          | Up to 2 years UV and water resistance <sup>4</sup>                                                                                                                                                       |
| Ink drop                    | 80 pl                                                                                                                                                                                                    |
| Printable area              | 1.56 x 3.66 m (61 x 144 in)                                                                                                                                                                              |
| RIP                         |                                                                                                                                                                                                          |
| Software                    | Onyx I-RIP Plus for HP Scitex                                                                                                                                                                            |
| Input formats               | All popular graphic file formats, including EPS, PostScript level 3, and PDF                                                                                                                             |
| Front end software features |                                                                                                                                                                                                          |
|                             | Loading new file during printing, queuing, step-and-repeat, tiling, image rotation, image overlay, add element                                                                                           |
| Workflow components         |                                                                                                                                                                                                          |
|                             | Dedicated collecting table                                                                                                                                                                               |
| Dimensions (w x d x h)      | 4 x 3.25 x 2.03 m (13.2 x 10.7 x 6.7 ft)                                                                                                                                                                 |
| Weight                      | 2,700 kg (5,952 lb)                                                                                                                                                                                      |
| Operating environment       |                                                                                                                                                                                                          |
| Temperature                 | 18 to 26° C (64 to 79° F)                                                                                                                                                                                |
| Humidity                    | 40 to 80% RH (non-condensing)                                                                                                                                                                            |
| Operating requirements      |                                                                                                                                                                                                          |
| Electrical voltage          | 3-phase, 230/400 VAC, 50 Hz; 3-phase, 120/480 VAC, 60 Hz (via transformer); 3-phase, 120/208 VAC, 60 Hz (via transformer) - not including UV system                                                      |
| Power consumption           | 75 kVA (60 kW)                                                                                                                                                                                           |

<sup>3</sup> On 165 x 370 cm (65 x 145 in) sheets

<sup>4</sup> According to standard ASTM D2565-99

## Ordering information

|         |                                                               |
|---------|---------------------------------------------------------------|
| Product |                                                               |
| CM003A  | HP Scitex TJ8550 Printer (110V)                               |
| CM004A  | HP Scitex TJ8550 Printer (220V)                               |
| CM005A  | HP Scitex TJ8555 Printer (220V) including Double-Sided option |
| CM006A  | HP Scitex TJ8555 Printer (110V) including Double-Sided option |

|                  |                                       |
|------------------|---------------------------------------|
| Options/Upgrades |                                       |
| CG712A           | HP Scitex TJ Double Sided Upgrade*    |
| CM012A           | HP Scitex TJ8550 Printer Upgrade Kit* |

|              |                                      |
|--------------|--------------------------------------|
| Ink supplies |                                      |
| CD626A       | HP TJ200 Cyan Scitex Ink 5L          |
| CD627A       | HP TJ200 Magenta Scitex Ink 5L       |
| CD628A       | HP TJ200 Yellow Scitex Ink 5L        |
| CD629A       | HP TJ200 Black Scitex Ink 5L         |
| CD630A       | HP TJ200 Light Cyan Scitex Ink 5L    |
| CD631A       | HP TJ200 Light Magenta Scitex Ink 5L |

|                   |                    |
|-------------------|--------------------|
| Maintenance Fluid |                    |
| 480I00537         | HP Scitex MF 10L   |
| 480I00284         | HP Scitex MF 10/5L |

\* Optional upgrade for HP Scitex TJ8500 Printer

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