HP Scitex TJ8350 Printer

Deliver maximum return on your investment with this fast, cost-effective printer. Print at up to 480 m²/hr (5,166 ft²/hr). Drive business growth—print on a range of sheet and roll-fed media or produce double-sided prints.[1]

Build your on-demand business with a faster press

- **Produce more each shift—Print up to 80 sheets/hr with speeds up to 480 m²/hr (5,166 ft²/hr).** One of the fastest wide-format printers on the market, the HP Scitex TJ8350 Printer series delivers up to 158 1.5 x 1.8 m (4.9 x 5.9 ft) posters per hour or 127 3.65 x 7.3 m (12 x 24 ft) billboards per eight-hour shift. The printer supports three print speeds so that you can select the ideal print speed for your application: up to 480 m²/hr (5,166 ft²/hr) in Billboard mode, 300 m²/hr (3,228 ft²/hr) in POP mode, and 100 m²/hr (1,076 ft²/hr) in Sample mode[2].

- **Offer customers a faster turnaround time on long print runs.** Complement your existing printing capabilities. Ideal for long print runs, the HP Scitex TJ8350 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 TJ8350 Printer, you can print samples and proofs on-demand without purchasing additional, expensive equipment. And 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.

- **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 30 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.

- **Increase your addressable job pool using the printer's best-in-class analog to digital crossover point.** With an up to 50% increase in POP print speed[2] and up to 35% lower cost per m[2]/ft^{2} than its predecessor, the HP Scitex TJ8350 Printer offers an industry-leading analog to digital conversion point that allows you to increase your addressable job pool, shifting more jobs from screen printers and from your competition.

- **Help reduce costs associated with regulatory compliance with HP zero HAPs ink.[4,5]** When you print applications using zero Hazardous Air Pollutants (HAPs),[4] Title V exempt HP TJ110 Specialty Solvent Scitex Ink, you may reduce regulatory fees or penalties and your environmental impact.[5] Because the ink has no detectable HAPs, you may reduce the costs of regulatory compliance in some regions.[5]

Astound customers with durable, high-quality prints

- **Create attention-grabbing prints with brilliant color, a broader color gamut, and better gloss.** HP Scitex TJ100 Supreme Ink delivers brilliant, saturated colors. Six separate, custom-designed, pigment-based inks were designed to deliver a better, broader color gamut. HP Scitex printers and inks are designed and tested together to provide consistent, outstanding results every time you print.

- **Print top-quality images with up to two-year outdoor durability[3] with HP Scitex Inks.** HP Scitex TJ100 Supreme 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.[3] HP Scitex TJ100 Flash Ink provides six-month outdoor durability at a reduced cost per print.

- **Select the printing mode that best suits your application.** The HP Scitex TJ8350 Printer supports preset print quality modes: Billboard, POP, and Sample. Choose the printing mode (resolution and speed) that best suits your application[2].

- **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 TJ8350 Printer, the 150-printhead bridge enables precise drop-on-demand piezoelectric inkjet printing. Six colors are applied simultaneously for exceptional output quality at very high print speeds.

Gain a competitive edge with application versatility.

- **Enjoy the freedom to print on almost any media, including sheet or roll-fed media.** Give your business a competitive advantage over traditional systems with the ability to print on media ranging from high-end 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, or uncoated synthetic paper.

- **Add high-quality, double-sided prints to your business offerings with this proven, easy-to-use solution.[1]** Use your HP Scitex TJ8350 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.[1] Upgrade your HP Scitex TJ8350 Printer with a dedicated HP solution that's not only innovative, it's intuitive to operate.

- **Win the business of environmentally conscious customers using HP zero-HAPs[4] emission inks.** Gain a competitive edge and attract the business of environmentally conscious customers without compromising performance. Print applications using zero-HAPs emission HP TJ110 Specialty Solvent Scitex Ink (patent pending), which was designed with the environment in mind.[4]

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[1] Optional. Must be purchased separately.

[2] POP mode print speeds may vary by application.

[3] HP TJ100 Supreme Scitex Ink is UV-durable for up to two years according to ASTM-D2565-99 standard. Durability depends on media.

[4] Based on third-party testing conducted in August, 2008 that found no detectable Hazardous Air Pollutants (HAPs) per U.S. Environmental Protection Agency Method 311. HAPs are air pollutants which are not covered by ambient air quality standards but which, as defined in the Clean Air Act, may present a threat of adverse human health effects or adverse environmental effects. Such pollutants include asbestos, beryllium, mercury, benzene, coke oven emissions, radionuclides, and vinyl chloride.

[5] HP TJ110 Specialty Solvent Scitex Ink may reduce regulatory compliance fees associated with Title V of the U.S. Clean Air Act. Because regulations and fees vary by region, consult your state and local regulations.

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Technical specifications

Print speed	Up to 480 m²/hr (5,166 ft²/hr)
	Up to 80 sheets/hr[5]
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	Solvent pigmented inks
Ink compatibility	HP Scitex TJ100 Supreme Ink, HP Scitex TJ100 Flash Ink,
	HP TJ110 Specialty Solvent 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[6]
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 and dryer
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 dryer
Power consumption	100 kVA (80 kW)

[5] On 165 x 370 cm (65 x 145 in) sheets

[6] According to standard ASTM D2565-99

Ordering information

Product
CM007A   HP Scitex TJ8350 Printer (110V)
CM008A   HP Scitex TJ8350 Printer (220V)
CM009A   HP Scitex TJ8355 Printer (110V) including
             Double-Sided option
CM010A   HP Scitex TJ8355 Printer (220V) including
             Double-Sided option

Options/Upgrades
CG712A   HP Scitex TJ Double Sided Upgrade*
CM012A   HP Scitex TJ8350/8550 Printer Upgrade Kit*

Ink supplies
480100302   HP Scitex TJ100 Supreme Cyan 10L
480100303   HP Scitex TJ100 Supreme Magenta 10L
480100304   HP Scitex TJ100 Supreme Yellow 10L
480100305   HP Scitex TJ100 Supreme Black 10L
480100306   HP Scitex TJ100 Supreme Light Cyan 10L
480100307   HP Scitex TJ100 Supreme Light Magenta 10L
480100386   HP Scitex TJ100 Flash Cyan 10L
480100387   HP Scitex TJ100 Flash Magenta 10L
480100388   HP Scitex TJ100 Flash Yellow 10L
480100389   HP Scitex TJ100 Flash Black 10L
480100390   HP Scitex TJ100 Flash Light Cyan 10L
480100391   HP Scitex TJ100 Flash Light Magenta 10L
CD430A   HP TJ110 Specialty Solvent Cyan Scitex Ink 10L
CD431A   HP TJ110 Specialty Solvent Magenta Scitex Ink 10L
CD432A   HP TJ110 Specialty Solvent Yellow Scitex Ink 10L
CD433A   HP TJ110 Specialty Solvent Black Scitex Ink 10L
CD434A   HP TJ110 Specialty Solvent Light Cyan Scitex Ink 10L
CD435A   HP TJ110 Specialty Solvent Light Magenta Scitex Ink 10L

Maintenance Fluid
480100537   HP Scitex MF 10/20L
480100284   HP Scitex MF 10/5L

* Optional upgrade for HP Scitex TJ8300 Printer

To learn more, visit www.hp.com

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