HP Scitex TJ8600 Printer

Progressive Profitable Printing

Deliver maximum return on your investment with this fast, cost-effective printer. Choose matte or gloss when printing up to 480 m²/hr (5166 ft²/hr). Drive business growth—print on a range of sheet and roll-fed media or produce double-sided prints.[1]

Print more each shift and expand your business

- **Produce more each shift—Print up to 80 sheets/hr with speeds up to 480 m²/hr (5166 ft²/hr).** The most productive wide-format printer on the market[2], this printer delivers up to 158 posters (1.5 x 1.8 m / 4.9 x 5.9 ft) per hour or 1200 POP quality bus shelter posters (1.2 x 1.6 m / 3.9 x 5.2 ft) per eight-hour shift. Choose different print speeds to meet your needs.

- **Offer customers faster turnaround times.** Complement your existing printing capabilities. The HP Scitex TJ8600 Printer is designed for high-speed, high-volume, 24/7 environments, with automated workflow solutions to ensure maximum productivity and efficiency.

- **Expand your business with high-quality output and a wide application range.** Beat traditional analog printers on cost and efficiency. Print your jobs on-demand without additional, expensive equipment. With an all digital process and selective gloss mode, you save set-up time and avoid additional finishing processes.

- **Increase throughput volume with the new automated Hot Folder solution.** Quickly transition between jobs by loading the next file while the current job is printing. And with the new Hot Folder solution, you can load automatically from the RIP to the printer queue.

[1] Optional. Must be purchased separately.
[2] Among the same class of presses, for products on the market as of May 1, 2010.

Enjoy a rapid return on your investment

- **Enhance your prints with specialty applications that enable full or spot gloss.** Impress clients and keep them coming back for more. This printer avoids inefficient varnish processes with an innovative gloss-look capability that lets you accent prints with full gloss or highlight selected areas with spot gloss.

- **Delivers a rapid ROI with a low price per sheet**[3]. Use fewer resources and less ink while printing more. Reduced ink consumption[4] enables you to print as many as 1200 1.2 x 1.6 m (3.9 x 5.2 ft)-sized POP quality bus shelter posters per eight-hour shift using only one operator and as little as 25 liters of ink.

- **Reduce your total cost of ownership with cost-effective, volume-based tier pricing for HP Scitex ink supplies.** Realize the potential for greater savings as you print more digital pages. Volume-based tier pricing for HP TJ210 Scitex inks means that printing becomes increasingly cost-effective the more you print, making it easier than ever to move more volume to digital.

- **Add high-quality, double-sided prints to your business offerings with this easy-to-use solution**[5]**.** Use your HP Scitex TJ8600 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.[5]

Astound customers with durable, high-quality prints

- **Offer brilliant, long-lasting results across a wider application range.** Produce eye-catching 2D fleet, indoor and outdoor graphics. See high color saturation, a durable finish, and smooth gloss ideal for POP displays, whether seen from a distance or close up.

- **Deliver outstanding print quality with an advanced drum technology and system design.** This unique drum technology delivers high quality without compromising speed. The 150-printhead bridge enables precise drop-on-demand Piezoelectric inkjet printing. And all six colors are applied simultaneously for exceptional quality at high print speeds.

- **Select the printing mode that best suits your application.** The HP Scitex TJ8600 Printer supports a range of preset print quality modes—Gloss or Matte for POP, Bus-Shelter, and High Resolution mode for light boxes and other applications that require high density. Choose the best mode (resolution and speed) for your application.

- **Achieve high color quality and accuracy with color management tools and enhanced color calibration.** Apply the dedicated HP Scitex software solution's advanced features to maximize the color capabilities of this printer. Rely on enhanced calibration to ensure you achieve accurate, consistent colors every time you print.

Gain a competitive edge with HP Scitex UV inks

- **New high elongation HP TJ210 Scitex inks are ideal for 2D fleet graphics, and indoor displays.** Expand into 2D fleet graphics and print more indoor displays with new HP TJ210 Scitex inks. High elongation properties make these inks more flexible, preventing chips and cracks. Designed and tested with the printer, you get high-quality results.

- **Enjoy the freedom to print on almost any flexible media, including Tyvek and Yupo, with HP UV-curable inks.** Print on media ranging from high-profit to low-cost, uncoated, or untreated materials. Print directly on media such as paper, self-adhesive vinyl, polystyrene and backlit materials, PVC banner, uncoated synthetic paper—even Yupo and Tyvek.

- **Get the print performance without the environmental, health, and safety considerations—HP UV-curable inks.** Designed with your printshop in mind, this printer uses HP UV-curable inks that do not require special ventilation.[6] Use fewer chemicals and petroleum-based products and create a cleaner workplace, compared to solvent-based printers.

- **Increase your application reach with high quality color results.** Offer your clients more. This printer, with HP TJ210 Scitex inks, enables you to produce a broad range of applications. Accent prints with matte or gloss applications, choose from full or spot gloss, and take advantage of a wider color gamut in gloss mode.

[3]Compared to the price per sheet achieved on the HP TJ8500 Printer.

[4]Based on printers in the same performance class using comparably priced inks. Based on up to 130 sqm/L ink consumption with 100% ink coverage printed with HP test file.

[5]Optional. Must be purchased separately.

[6]Special ventilation is not required to meet US OSHA requirements on occupational exposure to VOCs from the HP UV-curable inks used with the HP Scitex TJ8600 Printer. Special ventilation equipment installation is at the discretion of the customer—no specific. HP recommendation is intended. Customers should consult state and local requirements and regulations.

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Technical specifications

Print speed	Up to 480 m²/hr (5,166 ft²/hr)
	Up to 80 sheets/hr[7]
Print resolution	Up to 600 dpi apparent , Double-strike option
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, 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 (3.93 x 5.24 to 5.41 x 12.13 ft)
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 TJ210 Scitex Ink
Ink colors	Cyan, magenta, yellow, black, light cyan, light magenta
Ink consumption	Matte – up to 130 m²/L; Gloss – up to 160 m²/L[8]
Print heads	150 total (25 per color)
Outdoor durability	Up to 2 years UV and water resistance[9]
Ink drop	55 pl
Printable area	1.58 x 3.72 m (61 x 146 in)
RIP	
Software	GrandRip+ by Caldera or Production House by Onyx
Input formats	All popular graphic file formats, including PostScript, PDF, EPS, Tiff,
	PSD, and JPG
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)
Warranty	1-year limited hardware warranty

[7]On 165 x 370 cm (65 x 145 in) sheets.
[8]Tested with 100% ink coverage file in Billboard mode.
[9]According to standard ASTM D2565-99.

Ordering information

Product
CM062A   TJ8600 printer (220V)

Options/Upgrades
CG712A   HP Scitex Double-Sided table

Original HP printing supplies
CH830A   HP TJ210 2x5L Cyan Scitex Ink
CH831A   HP TJ210 2x5L Magenta Scitex Ink
CH832A   HP TJ210 2x5L Yellow Scitex Ink
CH833A   HP TJ210 2x5L Black Scitex Ink
CH834A   HP TJ210 2x5L Light Cyan Scitex Ink
CH835A   HP TJ210 2x5L Light Magenta Scitex Ink

Maintenance fluid
480I00537   HP MF10 20L Scitex Cleaner
480I00284   HP MF10 5L Scitex Cleaner

Applications
Exhibition/Event graphics
Outdoor event banners
POP posters
Light boxes – paper
Fleet graphics (1 or 2-dimensional)
Billboards (paper, SAV)
Double-sided banners

To learn more, visit www.hp.com

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