HP Scitex TJ8600 Industrial Press

Maximize your investment

Deliver maximum return on your investment with this fast, cost-effective press. 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]
HP Scitex Print Care maximizes uptime.

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 press on the market[2], this press 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 Industrial Press 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.
- Enjoy a wide application range, from traditional paper billboard applications, to street furniture (on vinyls, PVC and styrene) and exhibition banners (on PVC).
- Maximize uptime with a new level of service from HP—experience HP Scitex Print Care. Work with an HP technician[3] for remote maintenance assistance, use guided maintenance instructions, access your maintenance history. With HP Scitex Print Care, you get a range of fast, efficient, accurate tools and services that help you maximize uptime.

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[1] Optional. Must be purchased separately.

[2] Among the same class of presses, for products on the market as of May 1, 2010.

[3] The remote HP technician may work directly with your operator, or with your HP Authorized Channel Partner.

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 press 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. Use fewer resources and less ink while printing more. Reduced ink consumption[1] 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.
- Add high-quality, double-sided prints to your business offerings with this easy-to-use solution. Use your HP Scitex TJ8600 Industrial Press 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.[2]

[1] Based on presses 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.

[2] Optional. Must be purchased separately

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 Industrial Press 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 accuracy, consistency and spend less time on fully color-managed workflows. Apply GMG ColorServer Suite for HP Scitex printers and the HP Scitex software solution's advanced features to maximize the color capabilities of this press. Rely on fully automatic color conversions, preconfigured hot folders, optimal color profiles and enhanced calibration to ensure you achieve accurate, consistent colors every time you print.

Gain a competitive edge with HP Scitex UV inks

- Deliver indoor wide format graphics that make an impression—reassure with HP TJ210 Scitex inks approved according to indoor health-related environmental criteria—GREENGUARD Children & Schools Certified[SM](1).
- Expand into 2D fleet graphics. High elongation properties make these inks more flexible, preventing chips and cracks. Designed and tested with the press, you get high-quality results.
- Enjoy the freedom to print on almost any flexible media, 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.
- Increase your application reach with high quality color results. Offer your clients more. This press, 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.

[1] The ink system using HP TJ210 Scitex color inks is listed in the GREENGUARD Product Guide for signage (see www.greenguard.org). Using a GREENGUARD Certified ink system, does not indicate the end product is certified or meets the criteria. Test prints submitted at Fast POP print mode.

Includes a free download of HP SmartPlanner; an intuitive job planning and estimation tool. Find out more at:
www.hp.com/go/capture

HP Scitex TJ8600 Industrial Press

Print speed	Up to 480 m²/hr (5,166 ft²/hr), Up to 80 sheets/hr[1]
Print resolution	Up to 600 dpi apparent, Double-strike option
Media	Handling: Automatic roll-to-sheet, optional semi-automatic sheet-to-sheet
	Types[2]: Uncoated flexible substrates such as indoor and outdoor wet strength digital paper, self-adhesive vinyl, polystyrene and backlit materials, PVC banner, styrene, 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 TJ210 Scitex Ink
	Ink colors: Cyan, magenta, yellow, black, light cyan, light magenta
	Ink coverage: Up to 130 m²/L with matte and up to 160 m²/L with gloss (billboard mode, 480 m²/hr)[3]
	Print heads: 150 total (25 per color)
	Outdoor durability: Up to 2 years UV and water resistance[4]
	Ink drop: 55 pl
	Printable area: 1.60 x 3.72 m (63 x 146 in)
RIP	Software: GrandRIP+ by Caldera[5] or ProductionHouse 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: 110 kVA (88 kW)
Warranty	1-year limited hardware warranty
Applications	Exhibition/Event graphics, Outdoor event banners, POP posters, Light boxes—paper, Fleet graphics (1 or 2-dimensional), Billboards (paper, SAV), Double-sided banners

Ordering information

Product	CM062A: HP Scitex TJ8600 Industrial Press (220V)
Options/Upgrades	CG712A: HP Scitex Double-sided Print Kit
	CP402A: HP Scitex TJ Remote Operator Station Upgrade
Maintenance	CN750A: HP MF10 25-liter Scitex Cleaner
	CP399A: HP Scitex E1 Print Head Assembly

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

[1] On 165 x 370 cm (65 x 145 in) sheets.
[2] Limitations to media may apply. Please refer to www.hp.com/go/mediasolutionslocator
[3] Tested with 100% ink coverage file in Billboard mode.
[4] According to standard ASTM D2565-99.
[5] X-Rite i1 Color for HP—Caldera profiles generated with i1 Profiler.

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