HP Scitex XL1500 Printer

The HP Scitex XL1500 Printer series—a third-generation digital printing system—is an excellent solution for printing a wide range of super-wide format applications. Its high versatility, productivity, and print quality enables a fast ROI.

Print almost any application on almost any media

- **Print any width and any length in virtually any thickness.** The HP Scitex XL1500 Printer can print jobs up to 3.2 m and 5 m (10.5 ft and 16.4 ft) wide, according to the printer model. For wider jobs, use the multi-roll feature to print different tiles of a job on different media rolls—or print narrower jobs. The maximum print length is limited only by the length of the media roll. This printer series can handle almost any thickness of flexible media that can be rolled, approximately 10 mm (0.4 inch).

- **Easily switch between four, six, and eight color printing to expand your application options.** Easily switch between four, six, and eight color printing to meet the needs of almost any super-wide format job. Selecting four, six, or eight color ink printing enables you to print a wide variety of jobs while maintaining high productivity.

- **Print double-sided applications with accurate registration between sides.** With double-sided printing, you can create backlit applications with precise registration, creating a consistent image whether viewed during the day or night. For applications that will be viewed from both sides, print on blackout material.

- **Print on almost any media, from standard to high-profit, to create a range of applications.** The HP Scitex XL1500 Printer has high media versatility, supporting flexible substrates. Mainstream applications include exhibition and event banners, outdoor signage, textiles, and more.

High-performance and a fast return on your investment

- **Print at high speed—up to 124 m²/hr (1,333 ft²/hr).** With effortless switching between modes, you can be sure you'll always have the right quality, and the right productivity. Choose draft mode for long-distance viewing applications and race ahead at up to 124 m²/hr (1,333 ft²/hr).

- **Save time and money by printing on up to three rolls simultaneously.** With multi-roll printing, print either the same image on all rolls (Step and Repeat), or print different images on each roll.

- **Move part of your print job to finishing while the remainder is still printing with free-fall printing.** With the free-fall feature, the printed substrate flows down or is collected on a secondary bar, so you can move it to the finishing process while the remainder prints.

- **Improve productivity with the skip-white feature.** Advanced, user-friendly printer software includes the skip-white option, which saves time on low print-coverage applications.

- **Improve productivity with the high-performance, dedicated I-RIP for HP Scitex.** A leading RIP for four-, six-, and eight-color printing systems, the I-RIP for HP Scitex is optimized for the HP Scitex XL1500 Printer. The work-in-parallel option enables improved productivity by allowing the RIP to process one file while the printer operator prepares the next file. Quickly transition between jobs by loading the next file while the current job is printing.

Deliver vibrant and durable applications

- **Printer series offers a high quality-to-speed ratio and achieves superb quality in multiple modes.** This printer series enables printing in multiple modes from draft to high quality. You can achieve high-quality output at speeds of up to 60 m²/hr (645 ft²/hr) and a maximum resolution of up to 370 x 740 dpi[1]. HP Supertext enables high clarity on small and fine text. Sample mode is ideal for point of purchase, fine art, and short viewing distance applications.

- **Durable HP Scitex inks enable optimized usage of your HP printer and consistent production.** HP Scitex XL300 Supreme inks offer an extended color gamut, deliver a smooth appearance, and dry completely, even in heavily loaded, double-sided blockouts. A special dark/light ink reservoir structure enables enhanced image quality through minimum graininess, maximum natural color, and highly accurate registration.

- **Print vibrant colors with up to two-year outdoor durability[2] with up to eight HP Scitex inks.** Eight dedicated HP Scitex XL300 Supreme pigmented solvent-based inks allow you to print a wide range of vibrant colors that have a durability of up to two years.[2]

- **Use the included RIP's enhanced color management tools to produce accurate, consistent colors.** Apply the dedicated I-RIP for HP Scitex's enhanced color management 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. RIP supports all popular graphic file formats, including TIFF, EPS, PS, JPEG, PDF, Photoshop, and more.

[1] Apparent in XL quality mode and sample mode

[2] According to standard ASTM-D2565-99

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Technical specifications

Print speed	**HP Scitex XL1500 5m:** Up to 124 m²/hr (1,333 ft²/hr)
	HP Scitex XL1500 3m: Up to 118 m²/hr (1,268 ft²/hr)
Print resolution	Up to 740 x 370 dpi (apparent in XL quality mode and sample mode)
Media	
Handling	Roll-to-roll, roll-to-free fall
Types	Self-adhesive vinyl, PVC, mesh, fabrics, flexface banner, paper, and more
Size	**HP Scitex XL1500 5m:** Roll-fed media up to 5.2 m (17 ft) wide
	HP Scitex XL1500 3m: Roll-fed media up to 3.4 m (11.2 ft) wide
Loading	Up to 400 kg (882 lb) rolls, up to 40 cm (15.75 in) outside diameter
Thickness	Up to 1 cm (0.393 in) thick
Printing	
Technology	Drop-on-demand piezoelectric inkjet
Ink types	Solvent pigmented inks
Ink colors	Cyan, magenta, yellow, black, light cyan, light magenta, light yellow, light black
Print heads	32 total (8 per color in 4 color mode, 4 per color in 8 color mode)
Modes	Switchable between 4, 6, and 8-color process
Outdoor durability	Up to 2 years UV and water resistance[1]
Printable area	**HP Scitex XL1500 5m:** 5 m (16.4 ft) wide x media roll length
	HP Scitex XL1500 3m: 3.2 m (10.5 ft) wide x media roll length

Printing modes	5m (m²/h)	3m (m²/h)
Draft	124	118
Billboard	90	80
Sign	74	66
T_Poster	60	52
S_Poster	50	44
SD_backlit	40	36

RIP	
Software	GrandRIP+ by Caldera or Production House by Onyx
Input formats	All popular graphic file formats, including EPS, PostScript level 3, and PDF
Special features	Switch between 4, 6 and 8 colors and back, load file while printing,
	Sample mode - sharp 8 point text, multi-roll handling, backlit and
	double-sided printing, skip white, HP Supertext
Dimensions (w x d x h)	
	HP Scitex XL1500 5m: 6.5 x 1.5 x 2 m (21.3 x 4.9 x 6.7 ft)
	HP Scitex XL1500 3m: 4.7 x 1.5 x 2 m (15.4 x 4.9 x 6.7 ft)
Weight	
	HP Scitex XL1500 5m: 3,700 kg (8,222 lb)
	HP Scitex XL1500 3m: 2,900 kg (6,444 lb)
Warranty	6-month limited hardware warranty

Operating environment	
Temperature	20 to 25° C (68 to 77° F)
Humidity	40 to 70% RH (non-condensing)
Operating requirements	
Electrical voltage	3-phase, 220 to 240 VAC,
	50/60 Hz, 63 A per phase
Power consumption	45 kVA (36 kW)

Ordering information:

Product

CM044A	HP Scitex XL1500 3m Printer
CM041A	HP Scitex XL1500 5m Printer

Options/Upgrades

CP146A	HP Scitex XL1500 5M Dyesub Option Kit
CP145A	HP Scitex XL1500 3M Dyesub Option Kit

Original HP printing supplies

480I00712	HP XL400 2x5L Supreme Cyan Scitex Ink
480I00713	HP XL400 2x5L Supreme Magenta Scitex Ink
480I00714	HP XL400 2x5L Supreme Yellow Scitex Ink
480I00715	HP XL400 2x5L Supreme Black Scitex Ink
480I00716	HP XL400 2x5L Supreme Light Cyan Scitex Ink
480I00717	HP XL400 2x5L Supreme Light Magenta Scitex Ink
480I00718	HP XL400 2x5L Supreme Light Yellow Scitex Ink
480I00719	HP XL400 2x5L Supreme Light Black Scitex Ink
480I00170	HP XL300 2x5L Supreme Cyan Scitex Ink
480I00171	HP XL300 2x5L Supreme Magenta Scitex Ink
480I00172	HP XL300 2x5L Supreme Yellow Scitex Ink
480I00173	HP XL300 2x5L Supreme Black Scitex Ink
480I00174	HP XL300 2x5L Supreme Light Cyan Scitex Ink
480I00175	HP XL300 2x5L Supreme Light Magenta Scitex Ink
480I00176	HP XL300 2x5L Supreme Light Yellow Scitex Ink
480I00177	HP XL300 2x5L Supreme Light Black Scitex Ink
CD399A	HP DS100 1-gallon Specialty Textile Cyan Scitex Ink
CD400A	HP DS100 1-gallon Specialty Textile Magenta Scitex Ink
CD401A	HP DS100 1-gallon Specialty Textile Yellow Scitex Ink
CD402A	HP DS100 1-gallon Specialty Textile Black Scitex Ink
CD403A	HP DS100 1-gallon Specialty Textile Light Cyan Scitex Ink
CD404A	HP DS100 1-gallon Specialty Textile Light Magenta Scitex Ink
CD405A	HP DS100 1-gallon Specialty Textile Light Yellow Scitex Ink
CD406A	HP DS100 1-gallon Specialty Textile Light Black 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
Vehicle graphics - wraps, fleet marking, truck curtains
Billboards - paper, SAV
Billboards - PVC banners
Wall murals/Interior decoration
Building coverings
Double-sided banners/backlits
Textiles **/Carpets

* Compatible only with legacy Scitex Vision XL1500 Premium printers and original HP Scitex XL1500 printers

** Refers to HP Scitex XL1500 DS upgrade.

[1] According to standard ASTM D2565-99

To learn more, visit www.hp.com/go/graphic-arts

Progressive Profitable Printing