

HP Scitex XP2500 Industrial Printer

Increase profits and reduce costs



Increase profits and reduce costs with greater versatility and unprecedented ink coverage. This 3.2 m UV ink printer is designed for outdoor signage and offers time-saving features. Maximize uptime with a proven product and HP Scitex Print Care.

Realize a low cost per m²/ft² at top print speeds

Decrease ink expense and increase turnaround time and profits with HP Specialty Billboard Scitex Ink. Select one of the billboard modes that use HP Specialty Billboard Scitex Ink and deliver high ink coverage up to 207 m² (2220 ft²) per liter¹. This specially formulated ink provides media versatility and operational efficiency for outdoor applications.

Reduce media expenses by printing directly on inexpensive media.²

The initial hardware purchase price is a small part of the total cost of ownership. The HP Scitex XP2500 Industrial Printer prints on inexpensive media such as polyethylene media that is typically available in 3.2 m (10.5 ft) rolls and is perfect for this printer.³

Minimize operating expenses with this highly productive printer.

With increased throughput, you can produce more in less time using a single productive printer, saving floor space and operator costs and reducing the number of shifts required for your 24/7 business.

Save labor costs and accelerate turnaround time with the easy-to-use

HP Vertical Cutter Kit.⁴ Experience greater production efficiency and fast turnaround time while saving on labor costs with easy-to-use vertical cutters. Cut media accurately and save up to 165 minutes of labor time when you print for one hour at 265 m²/hr (2855 ft²/hr).⁴

To learn more, visit www.hp.com/go/ScitexXP2500

¹ Based on internal HP testing. Actual results and testing methods may vary. Tested on 100% cover file at BB265G mode.

² For further information on certified media substrates, please visit: www.hp.com/go/mediasolutionslocator

³ When printing three images simultaneously, assuming 30 seconds to cut 1 meter (3.2 ft) manually.

⁴ Optional. Must be ordered separately.

HP Scitex XP2500 Industrial Printer

Boost uptime and save with an efficient workflow

Increase workflow productivity and reduce errors by connecting the pre-press group and printer. Improve your business's efficiency and save time with Hot Folder and Job Ticket. Hot Folder copies RIPed print jobs to the print queue or job storage automatically. Job Ticket defines and saves print job settings, then applies them to future print jobs.

Maximize uptime with a new level of service from HP—experience HP Scitex Print Care. Work with an HP technician¹ for remote maintenance assistance, use guided maintenance instructions, and 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.

Save time and deliver more quickly with industry-leading billboard print speeds. Designed for high-speed environments, the HP Scitex XP2500 Industrial Printer lets you print a range of applications, including outdoor. Get the most from your printer by printing up to 265 m²/hr (2850 ft²/hr) in Billboard Mode using HP Specialty Billboard Scitex Ink.

Reduce the time it takes to change media and customize your glossy prints. Let the printer do the work for you. The Head Carriage Auto Elevator automatically adjusts the head carriage after each printing. And the HP Scitex XP2500 Shutters Control Kit fine tunes your glossy prints, so you get just the look you want.²

¹ The remote HP technician may work directly with your operator, or with your HP Authorized Channel Partner.

² Print quality may vary depending on media type and print mode.



Experience greater flexibility and versatility

Increase versatility and productivity with this printer's multiple billboard modes. Experience greater versatility and productivity with new billboard modes. With two sets of Original HP Scitex inks and a media range from low-cost to high-end, this printer enables improved printing flexibility for your outdoor and indoor applications.

Expand the range of applications you can offer. Offer high margin applications using the optional double-sided printing kit as well as the integrated mesh kit for building cover applications. Deliver projects with matte or gloss finish, using just one ink.

You can feel confident with your purchase of a proven HP Scitex XP Industrial Printer. Built on the proven success of the HP Scitex XP Printer series, the HP Scitex XP2500 Industrial Printer combines both high speed and high productivity.



HP Scitex XP Vertical Cutter Kit

HP Scitex XP2500 Industrial Printer Standard and Optional Features

The HP Scitex XP On-Core Collector Kit¹ allows you to roll printed output directly onto a standard empty cardboard core of the same width. Moving printed output to the finishing process is fast, easy and very efficient and even can be done while the next job is printing.

The HP Scitex XP Multi-Roll Printing Kit¹ enables you to print on up to two rolls of narrow media simultaneously. With this advanced kit, you can print multiple images at once (different images on each roll). Also, to gain full production flexibility: the loaded rolls can have slightly different diameters, so leftover media rolls can be used with different lengths of media on them.

The Optional HP Scitex Vertical Cutter Kit is a set manual Vertical Cutters that enables you to cut printed media to width on-printer. Just place the cutters on the edge of the image and your printed media will fit the application width you need. Changing their placement is quick and easy.

The Optional HP Scitex Double Sided Printing Upgrade leverages your printer to print backlit and blockout applications with high accuracy at production speeds, expanding your business.

¹Standard on the HP Scitex XP2500 Industrial Printer

Technical specifications

Print speed	Up to 265 m ² /hr (2850 ft ² /hr)	
Print resolution	Up to 360 dpi	
Media	Handling: Roll-to-roll (integrated collection system, on-core collector), roll-to-freefall, multi-roll printing Types ¹⁾ : Woven polyethylene, paper, mesh, textiles, blue back paper, SAV, PVC banner, synthetic paper, Tyvek, Yupo, and others Size: Roll-fed media up to 3.2 m (10.5 ft) wide Roll loading: Up to 150 kg (331 lb) rolls with 76 mm (3 in) or 152 mm (6 in) cores, up to 350 mm (14 in) outside diameter Multi-roll: Print simultaneously on up to 2 rolls	
Printing	Technology: Drop-on-demand, piezoelectric inkjet Ink types: UV-curable pigmented inks Ink colors: Cyan, magenta, yellow, black Printheads: 16 total (4 per color) Outdoor durability: Up to 2 years UV and water resistance ²⁾ Ink coverage: XP231 Specialty Billboard: up to 207 m ² /L (at Billboard mode) ³⁾ XP222: up to 140 m ² /L (at Hi-Press Mode) ³⁾ Ink drop: 80 pl	
Print modes	4-color Sample Mode	30 m ² /hr (323 ft ² /hr)
	4-color Fine-Press Mode	45 m ² /hr (484 ft ² /hr)
	4-color Press-Plus Mode	65 m ² /hr (700 ft ² /hr)
	4-color Hi-Press Mode	85 m ² /hr (918 ft ² /hr)
	4-color X-Press Mode	120 m ² /hr (1292 ft ² /hr)
	4-color Standard Mode 135M	135 m ² /hr (1453 ft ² /hr)
	4-color Billboard Mode BB17G	17 m ² /hr (183 ft ² /hr)
	4-color Billboard Mode BB65M	65 m ² /hr (700 ft ² /hr)
	4-color Billboard Mode BB85M	85 m ² /hr (915 ft ² /hr)
	4-color Billboard Mode BB135M	135 m ² /hr (1453 ft ² /hr)
	4-color Billboard Mode BB155G	155 m ² /hr (1668 ft ² /hr)
	4-color Billboard Mode BB230G	233 m ² /hr (2508 ft ² /hr) (high coverage)
	4-color Billboard Mode BB265G	265 m ² /hr (2852 ft ² /hr) (high coverage)
RIP	Software: GrandRIP ⁴⁾ by Caldera ⁴⁾ or ProductionHouse by Onyx, Input formats: All popular graphic file formats, including PostScript, EPS, Tiff, PSD, PDF, and JPG	
Front end software features	Printing queue for multi-job management, job ticket-based operation, Standard and Billboard modes, hot folder, automatic calibration, picture tiling, step and repeat, error correction mechanism	
Standard features	HP Scitex XP2500 Inflatable Feeder, HP Scitex XP2500 Mesh Kit, HP Scitex XP2500 On-core Collector, HP Scitex XP2500 Multi roll printing kit, HP Scitex XP2500 Shutters Control Kit	
Physical characteristics	Dimensions (w x d x h): 7.1 x 2.1 x 2.3 m (23.25 x 6.75 x 7.5 ft), Weight: 5430 kg (12,000 lb)	
Operating environment	Temperature: 18 to 28° C (64 to 85° F), Humidity: 20 to 80% RH (non-condensing)	
Operating requirements	Electrical voltage: 3-phase, 230/400 VAC (±10%) 3 x 20 A, Power consumption: 15 kVA (12 kW)	
Warranty	1-year limited hardware warranty	

Ordering information

Product	CM106A: HP Scitex XP2500 Industrial Printer
Options/Upgrades	CP393A: HP Scitex XP2500 Double-sided Printing Upgrade CP149A: HP Scitex XP2xx0 Adapter for 6-inch Cores 2 units Upgrade CM059A: HP Scitex XP2xx0 Vertical Cutter Kit
Original HP printing supplies	CN869A: HP XP231 2x5L Specialty Billboard Yellow Scitex Ink CN870A: HP XP231 2x5L Specialty Billboard Magenta Scitex Ink CN871A: HP XP231 2x5L Specialty Billboard Cyan Scitex Ink CN872A: HP XP231 2x5L Specialty Billboard Black Scitex Ink CH663A: HP XP222 2x5L Magenta Scitex Ink CH664A: HP XP222 2x5L Yellow Scitex Ink CH655A: HP XP222 2x5L Cyan Scitex Ink CH665A: HP XP222 2x5L Black Scitex Ink
Maintenance	CP527A: HP MF26 4x1L Scitex Cleaner
Applications	Billboards - paper, SAV, Billboards - PVC banners, woven PE, Building coverings, Exhibition/Event graphics, Outdoor event banners, Light boxes - film, Double-sided banners/backlits

¹⁾ Limitations to media may apply. Please refer to www.hp.com/go/mediasolutionslocator

²⁾ UV and water resistance without coating or lamination; conditions apply.

³⁾ Based on internal HP testing. Actual results and testing methods may vary.

⁴⁾ X-Rite i1 Color for HP - Caldera profiles generated with i1 Profiler.

