

HP Scitex XP5500 Industrial Printer

Minimize the cost of printing



Minimize the cost of printing and print high-quality outdoor and indoor signage with industry-leading print speeds and unprecedented ink coverage.¹ New billboard modes enable greater printing versatility. HP Scitex Print Care maximizes uptime.

Reduce the cost of printing

- Save money on ink—increase your savings over time with unmatched, high ink coverage.² Increase your return on investment with high ink coverage—up to 207 m²/liter (2200 ft²/liter). With a combination of HP specialty billboard and UV inks, this printing system delivers better ink coverage than comparable solvent and UV-ink printing systems.²
- Save money on media—reduce expenses with the ability to print directly on inexpensive media.³ The initial price for hardware is a small part of your business's TCO. Over time, the cost of ink and media plays a larger role. The super-wide format HP Scitex XP5500 Industrial Printer prints on inexpensive media such as polyethylene up to 5 m (16.6 ft) wide.³

- Save time and money and control operating expenses. With increased throughput, you produce more in less time using one extremely productive printer, saving floor space and operator costs and reducing the number of shifts required for your 24/7 business.

To learn more, visit www.hp.com/go/ScitexXP5500

¹ Compared to super-wide-format, roll-to-roll printers between \$100,000 and \$500,000. Based on the fastest rated speeds as published by manufacturers as of 2011. Test methods vary.

² Based on internal HP testing. Actual results and testing methods may vary. Tested on 100% cover file at BB325G mode.

³ For further information on media substrates, please visit www.hp.com/go/mediasolutionslocator

HP Scitex XP5500 Industrial Printer

Experience industry-leading print speeds¹ and high uptime

- Deliver more with industry-leading print speeds. The HP Scitex XP5500 Industrial Printer's high print speeds set it apart from the competition and enable faster turnaround times.¹ Ideal for outdoor applications, you can print at up to 325 m²/hr (3500 ft²/hr) in billboard mode using HP Specialty Billboard Scitex Inks.
- Maximize uptime with a new level of service from HP—experience HP Scitex Print Care. Work with an HP technician² 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.
- Change ink less frequently and save time. New billboard ink modes increase the range of applications that were limited to standard inks in the past. Now you don't have to switch out your inks, saving a lot of time.

¹ Compared to super-wide-format, roll-to-roll printers between \$100,000 and \$500,000. Based on the fastest rated speeds as published by manufacturers as of 2011. Test methods vary.

² The remote HP technician may work directly with your operator, or with your HP Authorized Channel Partner.



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Experience greater flexibility and versatility

- Increase versatility and productivity with this printer's multiple billboard modes. Experience greater versatility and higher 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 all 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 Printer. Built on the proven success of the HP Scitex XP Printer series, the HP Scitex XP5500 Industrial Printer combines both high speed and high productivity.



The HP Scitex XP Multi-Roll Printing Kit

HP Scitex XP5500 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 three 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 Double Sided Printing Upgrade leverages your printer to print backlit and blackout applications with high accuracy at production speeds, expanding your business.

¹Standard on the HP Scitex XP5500 Industrial Printer

Technical specifications

Print speed	Up to 325 m ² /hr (3500 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 5 m (16.6 ft) wide Roll loading: Up to 250 kg (551 lb) rolls with 76 mm (3 in) or 152 mm (6 in) cores, up to 400 mm (16 in) outside diameter Multi-roll: Print simultaneously on up to 3 rolls	
Printing	Technology: Drop-on-demand, piezoelectric inkjet Ink types: UV-curable pigmented inks Ink colors: Cyan, magenta, yellow, black Print heads: 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	40 m ² /hr (430 ft ² /hr)
	4-color Fine-Press Mode	50 m ² /hr (538 ft ² /hr)
	4-color Press-Plus Mode	85 m ² /hr (915 ft ² /hr)
	4-color Hi-Press Mode	113 m ² /hr (1216 ft ² /hr)
	4-color Standard Mode	165 m ² /hr (1775 ft ² /hr)
	4-color X-Press Mode	170 m ² /hr (1830 ft ² /hr)
	4-color Billboard Mode BB20G	20 m ² /hr (215 ft ² /hr)
	4-color Billboard Mode BB80M	80 m ² /hr (861 ft ² /hr)
	4-color Billboard Mode BB105M	105 m ² /hr (1130 ft ² /hr)
	4-color Billboard Mode BB165M	165 m ² /hr (1775 ft ² /hr)
	4-color Billboard Mode BB175G	175 m ² /hr (1883 ft ² /hr)
	4-color Billboard Mode BB240G	240 m ² /hr (2583 ft ² /hr) (high coverage)
	4-color Billboard Mode BB300G	300 m ² /hr (3230 ft ² /hr) (high coverage)
	4-color Billboard Mode BB325G	325 m ² /hr (3500 ft ² /hr) (high coverage)
RIP	Software: GrandRIP+ by Caldera ⁴⁾ or ProductionHouse by Onyx, Input formats: All popular graphic file formats, including PostScript, PDF, EPS, Tiff, PSD, 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 XP5500 On-core Collector, HP Scitex XP5500 Multi-roll Printing Kit, HP Scitex XP5500 Mesh Kit, HP Scitex XP5500 Shutters Control Kit	
Dimensions (w x d x h)	8.2 x 1.25 x 2.38 m (26.9 x 4.1 x 7.8), Weight: 6550 kg (14,440 lb)	
Warranty	1-year limited hardware warranty	
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 20A, Power consumption: 1.5 kVA (12 kW)	

Ordering information

Product	CM107A: HP Scitex XP5500 Industrial Printer
Options/Upgrades	CP113A: HP Scitex XP5x00 Adapter for 6-in Cores 2 units Upgrade CP114A: HP Scitex XP5x00 Adapter for 6-in Cores 6 units Upgrade CP394A: HP Scitex XP5500 Double-sided Print Upgrade
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 CH664A: HP XP222 2x5L Yellow Scitex Ink CH663A: HP XP222 2x5L Magenta 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.

