

# HP Scitex XP5300 Printer

Experience faster print speeds and unprecedented ink coverage that minimizes the cost of printing. Print outdoor signage at industry-leading speeds as well as high-quality indoor signage with this innovative, 5 m, dual-mode UV printer.<sup>(1)</sup>



## Reduce the cost of printing

- **Save money on ink—increase your savings over time with unmatched, high ink coverage.**<sup>(2)</sup> Increase the return on your investment with high ink coverage—up to 180 m<sup>2</sup>/liter (1,940 ft<sup>2</sup>/liter). A combination of the HP Specialty Billboard ink and the UV ink printing system delivers better ink coverage than comparable solvent and UV ink printing systems.
- **Save money on media—reduce expenses with the ability to print directly on inexpensive media.** The initial purchase price for hardware is just a small part of your business's total cost of ownership. Over time, the cost of ink and media plays a more significant role. The super-wide format HP Scitex XP5300 Printer prints on inexpensive media such as polyethylene, uncoated PVC, synthetic paper, and textiles up to 5 m (16.6 ft) wide.
- **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.

## Deliver faster with industry-leading print speeds<sup>(1)</sup>

- **Save time and deliver more with industry-leading print speeds.**<sup>(1)</sup> Designed for high-speed, robust production environments, the HP Scitex XP5300 Printer's high print speeds set it apart from its competition and enable faster turnaround times. Ideal for outdoor signage or other outdoor applications, print at up to 300 m<sup>2</sup>/hr (3,200 ft<sup>2</sup>/hr) in Billboard Mode using HP Specialty Billboard Scitex Ink.
- **Unload printed media quickly with the HP Scitex XP5300 On-core Collector.** Improve your productivity with the standard HP Scitex XP5300 On-core Collector. The On-core Collector rolls finished output onto an empty core—a simple and practical feature. Quickly switch out an empty core, after 100 kg (220 pound) has been collected. The core and printed media can be removed from the On-core Collector and transferred to the finishing process.
- **Capitalize on the printer's productivity with the HP Scitex XP5300 Multi-roll Printing Kit.** Take advantage of the printer's capacity and be more productive. Print different files simultaneously on three different rolls, each up to 1.6 m (5.2 ft) wide, for high-speed production. With the innovative HP Scitex XP5100 Multi-roll Printing Kit, each roll is handled individually, making it possible to load rolls with different diameters.

## One platform, two productive printing modes

- **Print vivid, high-quality point-of-purchase displays.** For indoor signs that stand up to close examination, select one of the Standard Modes, which use HP XP220 Scitex Ink. Produce high-quality indoor signage, point-of-purchase materials, and displays.
- **Deliver outdoor signage without the wait.** To decrease your printing costs and increase your turnaround time, select one of the Billboard Modes, which use HP Specialty Billboard Scitex Ink. This specially formulated ink provides media versatility and operational efficiency for outdoor applications.
- **Provide more choices for your clients and opportunities for your business.**<sup>(3)</sup> Expand your business with the optional HP Scitex XP5300 Double-sided Printing Kit for backlit and blackout applications. Use a Standard Mode, which uses HP Scitex Ink, to print on media up to 25 x 3.2 m (82 x 10.5 ft) with no more than 2 mm (0.08 in) deviation from front to back at speeds up to 90 m<sup>2</sup>/hr (960 ft<sup>2</sup>/hr). The printing software includes automatic correction to ensure precise printing.
- **Customize your glossy prints with the standard HP Scitex XP5300 Shutters Control Kit.** Fine tune your glossy prints and get the look you want with the standard HP Scitex XP5300 Shutters Control Kit. This kit controls the light exposure, delaying the curing process and producing glossier prints.

## Rest assured with a proven industrial platform

- **Designed for high-volume industrial environments.** With robust media loading and collecting features and a heavy-duty frame, this printer is designed for production environments that operate 24/7.
- **Rely on an industry-renowned, proven product.** Count on a proven product line used worldwide.
- **Your printer is available and productive with HP Scitex support, a name you know and trust.** At HP, we are fully committed to our clients' long-term success. We are as serious about supporting our clients with top-quality care as we are about providing world-class printing systems. That means we are committed to ensuring that you enjoy maximum uptime and productivity. All HP Scitex programs and services are designed with that single goal in mind. Wherever you are, you can be sure that HP Scitex-certified experts are close by and ready to help.

<sup>(1)</sup> 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 February 2007. Test methods vary.

<sup>(2)</sup> Based on tests held in February 2007.

<sup>(3)</sup> Optional. Must be ordered separately.

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## Technical specifications

<b>Print speed</b>	Up to 300 m <sup>2</sup> /hr (3,200 ft <sup>2</sup> /hr)
<b>Print resolution</b>	Up to 360 dpi
<b>Media</b>	
Handling	Roll-to-roll (integrated collection system, on-core collector), roll-to-freefall, multi-roll printing
Types	Polyethylene, paper, mesh, vinyl, textiles, blue back paper, SAV, banner material, synthetic paper, Tyvek, Yupo, and others
Size	Roll-fed media up to 5 m (16.6 ft) wide
Roll loading	Up to 1,500 kg (3,307 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
<b>Printing</b>	
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)
Modes	4-color Billboard and 4-color Standard modes
Outdoor durability	Up to 2 years UV and water resistance <sup>1)</sup>
Ink coverage	<b>Billboard mode:</b> 180 m <sup>2</sup> (1,940 ft <sup>2</sup> ) per liter <b>Standard mode:</b> 95 m <sup>2</sup> (1,022 ft <sup>2</sup> ) per liter
Ink drop	80 pl
Double-sided printing	Optional double-sided printing for backlit and blackout applications
<b>RIP</b>	
Software	GrandRip+ by Caldera or SoftRIP® by Wasatch
Input formats	All popular graphic file formats, including PostScript, EPS, Tiff, PSD, PDF, and JPG
<b>Front end software features</b>	
	Printing queue for multi job management, job ticket based operation, Standard and Billboard modes, hot folder, automatic calibration, step and repeat, error correction mechanism
<b>Standard features</b>	
	HP Scitex XP5300 On-core Collector
	HP Scitex XP5300 Multi-roll Printing Kit
	HP Scitex XP5300 Mesh Kit
	HP Scitex XP5300 Shutters Control Kit
	HP Scitex XP5300 Operating Software
<b>Dimensions (w x d x h)</b>	8.23 x 1.85 x 2.12 m (27 x 6.07 x 6.96 ft)
Weight	6,550 kg (14,440 lb)
<b>Operating environment</b>	
Temperature	18 to 28° C (64 to 85° F)
Humidity	20 to 80% RH (non-condensing)
<b>Operating requirements</b>	
Electrical voltage	3-phase, 230/400 VAC (±10%) 3 x 20A
Power consumption	15 kVA (12 kW)

<sup>1)</sup> UV and water resistance without coating or lamination; conditions apply

## Ordering information

Product	HP Scitex XP5300 Printer
CG717A	HP Scitex XP5300 Printer
Options/upgrades	
CG731A	HP Scitex XP5300 Double-sided Printing Kit
CG723A	HP Scitex XP5300 Adapters for 6 inch (15.2 cm) Cores
Ink supplies	
CD579A	HP XP230 Specialty Billboard Yellow Scitex Ink (10L)
CD580A	HP XP230 Specialty Billboard Magenta Scitex Ink (10L)
CD581A	HP XP230 Specialty Billboard Cyan Scitex Ink (10L)
CD582A	HP XP230 Specialty Billboard Black Scitex Ink (10L)
CD575A	HP XP231 Specialty Billboard Yellow Scitex Ink (10L)
CD576A	HP XP231 Specialty Billboard Magenta Scitex Ink (10L)
CD577A	HP XP231 Specialty Billboard Cyan Scitex Ink (10L)
CD578A	HP XP231 Specialty Billboard Black Scitex Ink (10L)
CD495A	HP XP220 Yellow Scitex Ink (10L)
CD497A	HP XP220 Magenta Scitex Ink (10L)
CD499A	HP XP220 Cyan Scitex Ink (10L)
CD501A	HP XP220 Black Scitex Ink (10L)
Maintenance fluid	
CD544A	HP MF25 Scitex Maintenance Fluid (5L)

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