

# HP Scitex XP2300 Printer

Increase profits and minimize costs with unprecedented ink coverage. The first 3.2 m UV printer designed for outdoor signage delivers an efficient workflow and time-saving productivity features. Increase uptime with a proven product and HP Scitex Support.



## Realize a low cost per m<sup>2</sup>/ft<sup>2</sup> at top print speeds

- **Decrease ink expenses and increase turnaround time and profits with efficient billboard ink.** Select one of the printer's Billboard Modes that use HP Specialty Billboard Scitex Ink and deliver high ink coverage—up to 180 m<sup>2</sup> (1,940 ft<sup>2</sup>) per liter.<sup>1)</sup> This specially formulated ink provides media versatility and operational efficiency for outdoor applications. When printing higher quality indoor applications, switch to HP Scitex XP222 Ink and enjoy up to 95 m<sup>2</sup> (1,022 ft<sup>2</sup>) coverage per liter.<sup>1)</sup>
- **Reduce media expenses by printing directly on inexpensive certified media<sup>3)</sup>.** 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 HP Scitex XP2300 Printer prints on inexpensive media such as polyethylene media that is typically available in 3.2 m (10.5 ft) rolls and are perfect for this printer.
- **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.

## Realize greater savings 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 software features like Hot Folder and Job Ticket. Hot Folder copies RIPed print jobs to the print queue automatically—without operator intervention. With Job Ticket<sup>4)</sup>, you can define and save print job settings—such as CMYK values and media size, —at the RIP Station and then load and apply them to future print jobs. These automated features reduce the possibility of operator error and help you deliver faster.
- **Collect media while printing, hand-off to finishing more quickly, and enjoy uninterrupted production.** Experience greater efficiency and smooth, continuous production with the standard HP Scitex XP2300 On-core Collector. A simple and practical

feature, the HP Scitex XP2300 On-Core Collector rolls finished output onto an empty core. The core and printed media can be removed from the on-core collector and transferred to the finishing process.

- **Save time and deliver more quickly with industry-leading billboard print speeds.** Designed for high-speed production environments, the HP Scitex XP2300 Printer's print speeds set it apart from its competition and enable faster turnaround times. Ideal for outdoor signage and other outdoor applications, you can print at up to 233 m<sup>2</sup>/hr (2,508 ft<sup>2</sup>/hr) in Billboard Mode.
- **Reduce the time it takes to change media with the Head Carriage Auto Elevator.** Automatically adjust the head carriage when you have finished printing to accommodate the thicker, thinner or irregular media you need for your next print job.
- **Get the most from your printer—print a variety of applications with a single printer.** Take advantage of the printer's capacity. Print different files simultaneously on two different rolls, each up to 1.6 m (63 inch) wide for high-speed production. With the innovative HP Scitex XP2300 Multi-roll Printing Kit, each roll is handled individually, making it possible to load rolls with slightly different diameters. The optional HP Scitex XP2300 Double-sided Printing Kit<sup>2)</sup> delivers high productivity for backlit and blackout applications. Print on mesh without the time-consuming cleanup, with the integrated HP Scitex XP2300 Mesh Kit.
- **Rest assured with a proven industrial platform**
- **Feel confident with your purchase of a proven HP Scitex XP Printer.** Built on the proven success of the HP Scitex XP5300 and HP Scitex XP2100 Printers, the HP Scitex XP2300 Printer combines the best features of both printers—the high speed and high productivity of the HP Scitex XP5300 Printer with the industrial frame of the smaller, 3.2 m HP Scitex XP2100 Printer.
- **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.

<sup>1)</sup> Based on internal HP testing. Actual results and testing methods may vary.

<sup>2)</sup> Optional. Must be ordered separately.

<sup>3)</sup> For further information on certified media substrates, please visit : [www.hp.com](http://www.hp.com)

<sup>4)</sup> Available with GrandRip+ by Caldera

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## Technical specifications

<b>Print speed</b>	Up to 233 m <sup>2</sup> /hr (2508 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 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
<b>Printing</b>	
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 <sup>1)</sup>
Ink coverage	<b>Billboard mode:</b> up to 180 m <sup>2</sup> (1,940 ft <sup>2</sup> ) per liter <sup>2)</sup> <b>Standard mode:</b> up to 95 m <sup>2</sup> (1,022 ft <sup>2</sup> ) per liter <sup>2)</sup>
Ink drop	80 pl
Printing modes	4-color Normal Sample Mode 30 m <sup>2</sup> /h (323 ft <sup>2</sup> /h) 4-color Normal FinePress 45 m <sup>2</sup> /h (484 ft <sup>2</sup> /h) 4-color Normal PressPlus 65 m <sup>2</sup> /h (700 ft <sup>2</sup> /h) 4-color Normal HiPress 85 m <sup>2</sup> /h (915 ft <sup>2</sup> /h) 4-color Normal XPress 120 m <sup>2</sup> /h (1292 ft <sup>2</sup> /h) 4-color Billboard Mode BB85 85 m <sup>2</sup> /h (915 ft <sup>2</sup> /h) 4-color Billboard Mode BB230 233 m <sup>2</sup> /h (2508 ft <sup>2</sup> /h)
<b>RIP</b>	
Software	GrandRip+ by Caldera or Production House by Onyx
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, picture tiling, step and repeat, error correction mechanism
<b>Standard features</b>	
	HP Scitex XP2300 Inflatable Feeder
	HP Scitex XP2300 Mesh Kit
	HP Scitex XP2300 On-core Collector
	HP Scitex XP2300 Multi roll printing kit
	HP Scitex XP2300 Shutters Control Kit
<b>Physical characteristics</b>	
Dimensions (w x d x h)	6.62 x 1.73 x 1.8 m (21.72 x 5.68 x 5.91 ft)
Weight	5,000 kg (11,000 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 V ac (±10%) 3 x 20 A
Power consumption	15 kVA (12 kW)
<b>Warranty</b>	1-year limited hardware warranty

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

<sup>2)</sup> Based on internal HP testing. Actual results and testing methods may vary.

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## Ordering information

<b>Product</b>	HP Scitex XP2300 Printer
CG746A	
<b>Options/Upgrades</b>	
CG753A	HP Scitex XP2300 Double-sided Printing Kit
CG754A	HP Scitex XP2300 Adapters for 6 inch (15.2 cm) Cores
<b>Original HP Printing Supplies</b>	
40-6481	HP XP230 2x5L Specialty Billboard Yellow Scitex Ink
40-6482	HP XP230 2x5L Specialty Billboard Magenta Scitex Ink
40-6483	HP XP230 2x5L Specialty Billboard Cyan Scitex Ink
40-6484	HP XP230 2x5L Specialty Billboard Black Scitex Ink
40-6421	HP XP231 2x5L Specialty Billboard Yellow Scitex Ink
40-6422	HP XP231 2x5L Specialty Billboard Magenta Scitex Ink
40-6423	HP XP231 2x5L Specialty Billboard Cyan Scitex Ink
40-6424	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 fluid

CH880A	HP MF25 4x1L Scitex Cleaner
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## Applications

Billboards - paper, SAV  
Billboards - PVC banners, woven PE  
Building coverings

To learn more, visit [www.hp.com/go/graphic-arts](http://www.hp.com/go/graphic-arts)

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Progressive Profitable Printing

