

Data sheet

HP Scitex 15000 Corrugated Press



The ideal digital platform for your business
and the production of corrugated applications



Create vivid large-format displays that help boost retail purchases. This HP digital press is an incredible fit for your environment and the production of corrugated applications. See quick turnarounds, smooth workflows, and investment protection

High productivity at the quality you need

Deliver quick turnarounds and exceed quality expectations. HP Scitex High Dynamic Range (HDR) printing enables both productivity and quality. You can save time and money with easy set up and operation, and by bringing your entire workflow in-house.

- Deliver up to 600 m²/hour (6456 ft²/hour)—500 m²/hour (5382 ft²/hour) for POP—and get the quality you need.¹
- Save valuable time—automated loading, zero set up (no plate making, cleaning, or mounting), simple operation, no outsourcing.
- Benefit from HDR: automatically use small ink drops for quality and large drops for speed—all on the same print.
- Print more, maintain less. This press is designed for quick service and easy operation

¹ On 160 x 320-cm (63 x 126-inch) sheets, including a full loading and unloading cycle.

Drive new business opportunities with industrial productivity at high quality.



Optimized for corrugated operations

Experience simple, effective corrugated conversion. Print on varying quality corrugated boards. Streamline production with built-in automation. And work with a corrugated press that's easy to operate and quick to service.

- Easily load up to four media stacks with built-in autoloader. Preserve space and time while reducing manual effort.
- You can cut costs, print at full speed, and get more out of your press—with excellent media handling for corrugated substrates.
- Ideal in-store POP displays—HP HDR240 Scitex Inks are GREENGUARD GOLD Certified, meet AgBB criteria.¹

Invest with confidence

Future proof your purchase. This proven printer performs optimally today and offers extensibility for the future. With design foresight and planned upgrades, you can take advantage of tomorrow's opportunities. Count on HP reliability and backing.

- Achieve more today—and tomorrow. Two additional ink slots enable future extensibility and capability.
- Rely on HP—your trusted partner and the largest player in high-end industrial printing.
- Take advantage of an integrated system—with HP ink and printheads—that is proven to work better together.

Enhance your productivity with HP Services

HP Services offers you the broadest portfolio of proven service programs to keep your business running productively. Our certified service teams are committed to meeting your end-to-end needs, driving your business productivity and sustainability for a profitable printing operation. Learn more at hp.com/go/scitexservice

HP HDR240 Scitex Inks have achieved GREENGUARD GOLD Certification.



¹ GOLD Certification to UL 2818 demonstrates that products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg or greenguard.org. HP HDR240 Scitex Inks meet AgBB criteria for health-related evaluation of VOC emissions of indoor building products. AgBB compliance evaluation was conducted for 28 day test period at UL Environment Inc. labs. For more information, visit umweltbundesamt.de/en/topics/health/commissions-working-groups/ausschuss-zur-gesundheitlichen-bewertung-von. Using GREENGUARD GOLD Certified inks or using inks that meet AgBB criteria does not indicate the end product meets the criteria. GREENGUARD and AgBB compliance were tested on prints made on Scrolljet 904 175 g/m² paper, printed at POP65, 80% UV power, 180% ink coverage, on the HP Scitex FB10000 Industrial Press.



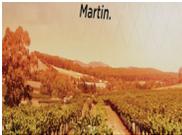
HP Scitex 15000 Corrugated Press powered by HP Scitex High Dynamic Range (HDR) Printing Technology

HP Scitex High Dynamic Range (HDR) Printing Technology from HP

Creating a new super-high end category of industrial printing solutions, this technology simply delivers it all—high productivity, at the right quality and cost, for a wide variety of applications on a wide range of media.² Providing precision control over color and tone for clarity of image detail, and producing prints with the highest dynamic range,³ HP Scitex HDR Printing Technology is ideal for POP and retail graphics, corrugated displays, and high-impact graphics in packaging applications.

Quality and productivity

1





Small drops produce high quality

2





Large drops produce high productivity

3



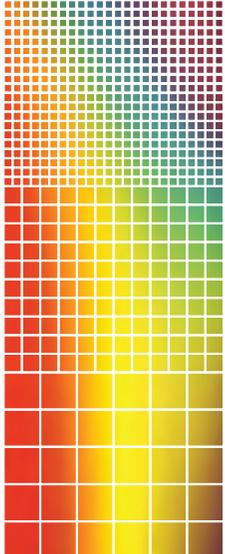


HP Scitex HDR Printing Technology combines the best of both worlds



Color addressability

More gray-levels produce fine gamut resolution for subtle shading in images



↑

More directly printable colors

↑

← Visible tone breaks →

← Smooth tones →



² Combined with manual loading for non corrugated materials
³ Compared to digital presses of comparable speed and price in the market as of January, 2013.

Technical specifications

Productivity	Up to 600 m ² /hr (6456 ft ² /hr) or 120 full-size sheets/hr ⁴		
Media	<ul style="list-style-type: none"> Handling: Choose between automatic up to 4-sheet simultaneous printing, and manual loading and unloading Types:⁵ Using Automatic loader: Corrugated boards. Using manual loading: Acrylics, foam PVC, PVC sheets, polystyrene (HIPS), fluted polypropylene, polycarbonate, polyethylene, polypropylene, synthetic paper, SAV¹³, paper, foamboard, corrugated cardboard⁶, compressed cardboard, and others Size: 160 x 320 cm (63 x 126 in) for both automatic loader and manual loading Thickness: Up to 25 mm (1 inch), Minimum: 0.1 mm Weight for automatic loading: Up to 12 kg (26 lb) Weight for manual loading: Up to 40 kg (88 lb) 		
Printing	<ul style="list-style-type: none"> Technology: HP Scitex High Dynamic Range (HDR) Printing Technology Ink types: HP HDR240 Scitex Inks, pigmented UV-curable inks, GREENGUARD GOLD Certified¹⁴ Ink colors: Cyan, magenta, yellow, black, light cyan, light magenta Measured ink coverage on 100% POP files: Up to 149 m²/L (1603 ft²/L) (at POP80 mode, using econo-split), 6 color printing Color standards: HP HDR240 Scitex Inks meet proofing standards according to ISO12647-7⁷ Printheads: Total 312 HP Scitex HDR300 Printheads (52 per color) Outdoor durability: Up to 2 years outdoor weather resistance according to ASTM D2565-99⁸ Ink drop: HP Scitex High Dynamic Range printing dynamic dot size control of multiple drop volumes (15, 30, 45 pl) Printable area: 160 x 320 cm (63 x 126 in) Multi-loading: Single and double side 100-160 cm (39-63 in) width Manual loading: Single side 100-158 cm (39-62 in) width; double side 100-152 cm (39-60 in) width 		
Print modes	Mode⁹	Maximum productivity	Beds/hr
	• POP60	• 312 m ² /hr (3358 ft ² /hr)	• 60
	• POP80	• 407 m ² /hr (4378 ft ² /hr)	• 80
	• POP100	• 520 m ² /hr (5594 ft ² /hr)	• 100
	• PROD120	• 600 m ² /hr (6456 ft ² /hr)	• 120
RIP	<ul style="list-style-type: none"> Software: GrandRIP+ by Caldera¹⁰ or ONYX Thrive¹¹ Input formats: All popular graphic file formats, including PostScript, PDF, EPS, Tiff, PSD, and JPG Front-end software features: Step-and-repeat, color management and file sizing, cropping, edge-to-edge printing (bleed), saturation control, slow loading speed, image 2, hot folder, align to left/right, and automatic multi-sheet 		
Physical characteristics	Dimensions (W x D x H with covers open): 12.8 x 6.7 x 3.4 m (42 x 22 x 11.2 ft.), Weight: 8500 kg (18740 lbs.), including covers and IDS cabinet		
Operating environment	Temperature: 17° to 30°C (63° to 86°F), Humidity: 50-60% RH		
Operating requirements	<ul style="list-style-type: none"> Printer electrical voltage: 3-phase, 3x400VAC ±10%, 50/60Hz ±1Hz Printer power consumption @50Hz (printing): 32 kW, 58 A UV electrical voltage: 3 x 380 / 400VAC = ±10%, @ 50Hz ±1Hz 3 x 440 / 480VAC = ±10%, @ 60Hz ±1Hz UV power consumption: 400V@50Hz: 45 kW, 70 A,¹² 480V@60Hz: 48 kW, 62 A 		
Applications	Corrugated hanging displays; Floor displays; Power wings; Counter tops; Corrugated advertising standees; Retail ready packaging; High graphic corrugated packaging		

Ordering information

Product	• CX110A: HP Scitex 15000 Corrugated Press		
Options/upgrades	<ul style="list-style-type: none"> • CP421A: HP Scitex 15000 Ball Transfer Table Kit • CP401AA: HP SmartStream Production Analyzer 		
Original HP ink supplies	• CP777B: HP HDR240 10-liter Cyan Scitex Ink	• CP779B: HP HDR240 10-liter Yellow Scitex Ink	• CP781B: HP HDR240 10-liter Light Cyan Scitex Ink
Maintenance	• CP778B: HP HDR240 10-liter Magenta Scitex Ink	• CP780B: HP HDR240 10-liter Black Scitex Ink	• CP782B: HP HDR240 10-liter Light Magenta Scitex Ink
Service	• CP803A: HP MF30 10-liter with Acu Scitex Cleaner	• CN750A MF 10 25L Scitex Cleaner	
	• HA151AC: HP Full Coverage Maintenance Support Contract	• HK951AC: HP Printhead Allowance Service (Optional Extended Coverage)	• CX190-01730 / CS034A: HP Scitex FB10000 Printer Maintenance Kit
	• HA965AC: HP Shared Maintenance Support Contract	• HK930A1: HP On-site Ramp Up Services	• CS030A: HP Scitex FB10000 Standard Uptime Kit

⁴ At 600 m²/hour (6456 ft²/hour) on 160 x 320-cm (63 x 126-inch) sheets, including a full loading and unloading cycle.

⁵ Cross-hatch level adhesion tested according to D3359-02 ASTM Standard Test Methods for Measuring Adhesion by Tape. Limitations to media may apply. Please refer to hp.com/go/mediasolutionslocator.

⁶ E, EE, and EB fluted boards; additional quality flat boards apply.

⁷ Printed in POP100 gloss mode on CalPaper, validated with the Ugra/Fogra media wedge V3 and IDEAlliance Digital Control Strip 2009. Color verified with GMG Proof Control. Tested March, 2013

⁸ Tested on 3M self-adhesive vinyl.

⁹ Calculation based on full-size bed loading of 1.60 x 3.2 m (5 x 10 ft) substrates.

¹⁰ X-Rite i1 Color for HP—Caldera profiles generated with i1 Profiler.

¹¹ Onyx Thrive provided in basic configuration (211).

¹² This is the measured average/nominal power consumption while using the default setting of the machine. Should a user raise the default UV power setting, the Nominal power consumption can increase by up to 40%.

¹³ Usage of a dedicated appearance mode is recommended for best folding performance. High color density may decrease folding and adhesion performance. Varnish overcoating may affect SAV flexibility.

¹⁴ GREENGUARD compliance was tested on prints made on Scrolljet 904 175gsm paper media, printed at POP65, 80% UV power, 180% ink coverage. GREENGUARD GOLD Certification to UL 2818 demonstrates that products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg. Using GREENGUARD GOLD Certified inks does not indicate the end product is certified.

Learn more at
hp.com/go/scitex15000

