



# 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 m<sup>2</sup>/hour (6456 ft<sup>2</sup>/hour)—500 m<sup>2</sup>/hour (5382 ft<sup>2</sup>/hour) for POP—and get the quality you need.<sup>1</sup>
- 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

<sup>1</sup> 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.<sup>1</sup>

## 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](http://hp.com/go/scitexservice)

**HP HDR240 Scitex Inks have achieved GREENGUARD GOLD Certification.**



<sup>1</sup> 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](http://ul.com/gg) or [greenguard.org](http://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](http://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/m<sup>2</sup> 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.<sup>2</sup> Providing precision control over color and tone for clarity of image detail, and producing prints with the highest dynamic range,<sup>3</sup> 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

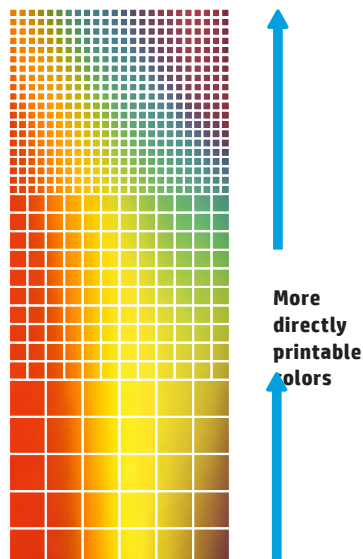
3

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



<sup>2</sup> Combined with manual loading for non corrugated materials

<sup>3</sup> Compared to digital presses of comparable speed and price in the market as of January, 2013.

## Technical specifications

<b>Productivity</b>	Up to 600 m <sup>2</sup> /hr (6456 ft <sup>2</sup> /hr) or 120 full-size sheets/hr <sup>4</sup>		
<b>Media</b>	<ul style="list-style-type: none"> <li>Handling: Choose between automatic up to 4-sheet simultaneous printing, and manual loading and unloading</li> <li>Types:<sup>5</sup> Using Automatic loader: Corrugated boards. Using manual loading: Acrylics, foam PVC, PVC sheets, polystyrene (HIPS), fluted polypropylene, polycarbonate, polyethylene, polypropylene, synthetic paper, SAV<sup>13</sup>, paper, foamboard, corrugated cardboard<sup>6</sup>, compressed cardboard, and others</li> <li>Size: 160 x 320 cm (63 x 126 in) for both automatic loader and manual loading</li> <li>Thickness: Up to 25 mm (1 inch), Minimum: 0.1 mm</li> <li>Weight for automatic loading: Up to 12 kg (26 lb)</li> <li>Weight for manual loading: Up to 40 kg (88 lb)</li> </ul>		
<b>Printing</b>	<ul style="list-style-type: none"> <li>Technology: HP Scitex High Dynamic Range (HDR) Printing Technology</li> <li>Ink types: HP HDR240 Scitex Inks, pigmented UV-curable inks, GREENGUARD GOLD Certified<sup>14</sup></li> <li>Ink colors: Cyan, magenta, yellow, black, light cyan, light magenta</li> <li>Measured ink coverage on 100% POP files: Up to 149 m<sup>2</sup>/L (1603 ft<sup>2</sup>/L) (at POP80 mode, using econo-split), 6 color printing</li> <li>Color standards: HP HDR240 Scitex Inks meet proofing standards according to ISO12647-7<sup>7</sup></li> <li>Printheads: Total 312 HP Scitex HDR300 Printheads (52 per color)</li> <li>Outdoor durability: Up to 2 years outdoor weather resistance according to ASTM D2565-99<sup>8</sup></li> <li>Ink drop: HP Scitex High Dynamic Range printing dynamic dot size control of multiple drop volumes (15, 30, 45 pl)</li> <li>Printable area: 160 x 320 cm (63 x 126 in)</li> <li>Multi-loading: Single and double side 100-160 cm (39-63 in) width</li> <li>Manual loading: Single side 100-158 cm (39-62 in) width; double side 100-152 cm (39-60 in) width</li> </ul>		
<b>Print modes</b>	<b>Mode<sup>9</sup></b> <ul style="list-style-type: none"> <li>POP60</li> <li>POP80</li> <li>POP100</li> <li>PROD120</li> </ul>	<b>Maximum productivity</b> <ul style="list-style-type: none"> <li>312 m<sup>2</sup>/hr (3358 ft<sup>2</sup>/hr)</li> <li>407 m<sup>2</sup>/hr (4378 ft<sup>2</sup>/hr)</li> <li>520 m<sup>2</sup>/hr (5594 ft<sup>2</sup>/hr)</li> <li>600 m<sup>2</sup>/hr (6456 ft<sup>2</sup>/hr)</li> </ul>	<b>Beds/hr</b> <ul style="list-style-type: none"> <li>60</li> <li>80</li> <li>100</li> <li>120</li> </ul>
<b>RIP</b>	<ul style="list-style-type: none"> <li>Software: GrandRIP<sup>10</sup> by Caldera<sup>10</sup> or ONYX Thrive<sup>11</sup></li> <li>Input formats: All popular graphic file formats, including PostScript, PDF, EPS, Tiff, PSD, and JPG</li> <li>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</li> </ul>		
<b>Physical characteristics</b>	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		
<b>Operating environment</b>	Temperature: 17° to 30°C (63° to 86°F), Humidity: 50-60% RH		
<b>Operating requirements</b>	<ul style="list-style-type: none"> <li>Printer electrical voltage: 3-phase, 3x400VAC ±10%, 50/60Hz ±1Hz</li> <li>Printer power consumption @50Hz (printing): 32 kW, 58 A</li> <li>UV electrical voltage: 3 x 380 / 400VAC = ±10%, @ 50Hz ±1Hz 3 x 440 / 480VAC = ±10%, @ 60Hz ±1Hz</li> <li>UV power consumption: 400V@50Hz: 45 kW, 70 A,<sup>12</sup> 480V@60Hz: 48 kW, 62 A</li> </ul>		
<b>Applications</b>	Corrugated hanging displays; Floor displays; Power wings; Counter tops; Corrugated advertising standees; Retail ready packaging; High graphic corrugated packaging		

## Ordering information

<b>Product</b>	CX110A: HP Scitex 15000 Corrugated Press		
<b>Options/upgrades</b>	CP421A: HP Scitex 15000 Ball Transfer Table Kit CP401AA: HP SmartStream Production Analyzer		
<b>Original HP ink supplies</b>	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 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		
<b>Maintenance</b>	CP803A: HP MF30 10-liter with Acu Scitex Cleaner    CN750A MF10 25L Scitex Cleaner		
<b>Service</b>	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		

<sup>4</sup> At 600 m<sup>2</sup>/hour (6456 ft<sup>2</sup>/hour) on 160 x 320-cm (63 x 126-inch) sheets, including a full loading and unloading cycle.

<sup>5</sup> 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](http://hp.com/go/mediasolutionslocator).

<sup>6</sup> E, EE, and EB fluted boards; additional quality flat boards apply.

<sup>7</sup> 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 ProofControl. Tested March, 2013

<sup>8</sup> Tested on 3M self-adhesive vinyl.

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

<sup>10</sup> X-Rite i1 Color for HP—Caldera profiles generated with i1 Profiler.

<sup>11</sup> Onyx Thrive provided in basic configuration (211).

<sup>12</sup> 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%.


<sup>13</sup> 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.

<sup>14</sup> 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](http://ul.com/gg). Using GREENGUARD GOLD Certified inks does not indicate the end product is certified.

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