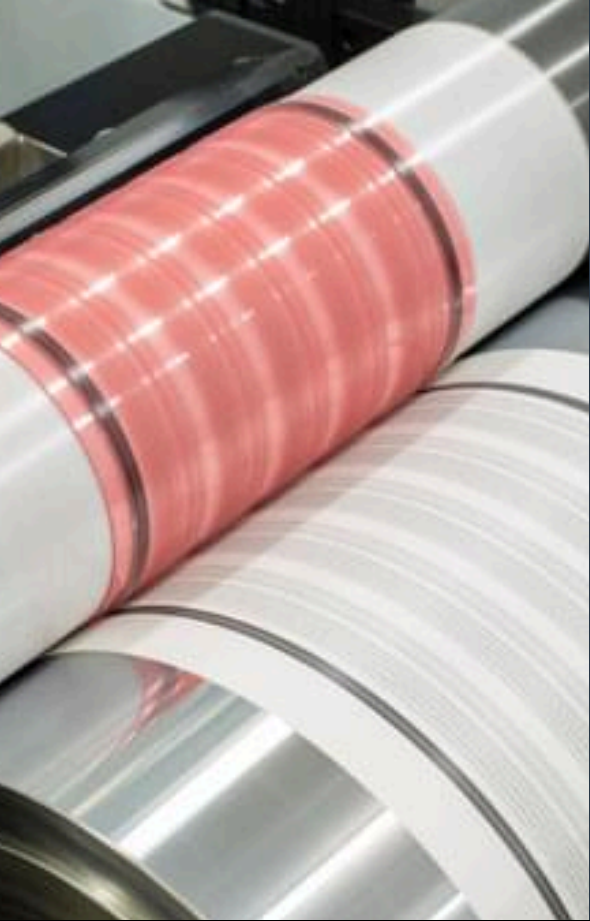


**KALIDECK**  
PREPRESS PRINT SOLUTIONS

# Flexographic Product Offering





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# About Kalideck

Kalideck is a leading provider of innovative print and packaging solutions, committed to helping businesses achieve superior print performance and sustainable production outcomes.

With decades of industry expertise and partnerships with world-class brands, we deliver integrated solutions that combine advanced technology, high-quality materials, and technical support. From prepress to final output, our focus is on enhancing efficiency, consistency, and environmental responsibility across every stage of the print and packaging process.





# OUR FLEXOGRAPHIC SOLUTIONS

Our Flexographic Division combines world-class equipment, workflow and premium consumables as well as expert technical support to deliver end-to-end solutions, from prepress to plate production and pressroom optimisation.

With over 100 years of industry experience and partnerships with global leaders such as DuPont, CRON, Hybrid and ESKO, Kalideck offers South African printers access to cutting-edge flexographic technologies designed for consistency, precision, and efficiency.

Our core offering includes:

- Hardware: Precision imaging and exposure systems
- Software: Complete workflow solutions designed to maximise print quality, minimise waste, and streamline plate production.
- Plate Consumables: High-performance DuPont™ Cyrel® photopolymer plates

Our solutions are built to scale with your operation – from entry-level setups to high-volume, multi-press production environments.





# HARDWARE SOLUTIONS

High-precision imaging, exposure, and processing systems engineered for efficiency and consistency.

Kalideck partners with DuPont, CRON and ESKO to deliver world-class equipment solutions for flexographic printing. Our systems combine precision engineering with ease of use, supporting operations of every scale – from narrow-web label production to large-format packaging.



# CRON FLEXO CDI DEVICES

PIONEERING DIGITAL IMAGING SOLUTIONS  
DESIGNED FOR PRECISION AND PRODUCTIVITY.

CRON is dedicated to delivering a high cost-performance flexo plate-making solution designed for efficiency, reliability, and value.

The CRON CDI series combines precision imaging technology with robust engineering to provide exceptional quality at a lower total cost of ownership.

With faster imaging speeds, simplified operation, and minimal maintenance requirements, CRON CDI devices make advanced flexo platemaking more accessible to printers of all sizes. Engineered for long-term durability and consistency, they enable businesses to achieve outstanding plate quality, improve production throughput, and reduce downtime – all while maintaining a smaller operational footprint.

As part of Kalideck's comprehensive flexographic portfolio, CRON's plate-making solutions offer an ideal balance of innovation, performance, and affordability, empowering customers to elevate productivity without compromising on quality.

# CRON



## HDI-400 SERIES

**CRON HDI-400 SPECIALLY DESIGNED FOR HIGH QUALITY NARROW WEB & LABEL PRINTING.**

**CONFIGURED WITH THE ADVANCED CRON LASER OPTICAL SYSTEM, CRON HDI-400 RELIABLY PROVIDES ACCURATE HIGH DEFINITION LABEL PRINTS. THE NEW CRON HDI-400 IS NOW THE FIRST CHOICE FOR LABEL PRINTERS DUE TO ITS EASY OPERATION, IMAGE PERFORMANCE, AND STABILITY.**

| Model                              | HDI-400S                                                                                                  | HDI-400H                                                                                           |
|------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Plate Size                         | Max. 430x588mm (17x23 in) / Min. 100x100mm (4x4 in)                                                       |                                                                                                    |
| Maximum Imaging Size               | 430x573mm (17x22 in)                                                                                      |                                                                                                    |
| Plate type                         | Polyester letterpress, Thermal offset plate (plate thickness <0.15mm), Digital flexo plate, Ablative film |                                                                                                    |
| Plate thickness                    | 0.11mm ~3.94mm                                                                                            |                                                                                                    |
| Automatic detection of thick plate | Optional                                                                                                  |                                                                                                    |
| Plate loading                      | Manual mounting, Auto loading                                                                             |                                                                                                    |
| Resolution                         | 4000 dpi (upgradeable 8000 dpi)<br>2400/4800 dpi (upgradeable 9600 dpi)<br>2450/5080 dpi                  | 4000/8000 dpi<br>2400/4800/9600 dpi<br>2450/5080 dpi                                               |
| Digital flexo plate making speed   | 2400 dpi 1.26m <sup>2</sup> /h<br>4800 dpi 1.34m <sup>2</sup> /h<br>9600 dpi 0.98m <sup>2</sup> /h        | 2400 dpi 3.05m <sup>2</sup> /h<br>4800 dpi 2.65m <sup>2</sup> /h<br>9600 dpi 1.33m <sup>2</sup> /h |
| Offset plate making speed          | About 30 sheets per hour (320x408mm)<br>2400 dpi                                                          | About 48 sheets per hour (320x408mm)<br>2400 dpi                                                   |
| Net weight                         | 472 kg                                                                                                    |                                                                                                    |
| Power supply                       | Single-phase 220V± 5% 50/60Hz                                                                             |                                                                                                    |
| Rated power                        | 4.3 kW                                                                                                    |                                                                                                    |
| Dimensions                         | (L x W x H) 1152x943x1050mm                                                                               |                                                                                                    |
| Environment                        | 18~28 C, RH: 40%~60%                                                                                      |                                                                                                    |





## HDI-600 SERIES

THE HDI FLEXO 600 IS A HIGHLY FLEXIBLE SOLUTION FOR SUPERIOR QUALITY PLATE PRODUCTION. THE SEMI-AUTOMATIC PLATE LOADING, AND A HEAD AND TAIL CLAMP MAKE IT POSSIBLE TO IMAGE ON A WIDE RANGE OF PLATE MATERIALS INCLUDING THERMAL FILM, DIGITAL POLYESTER-BACK FLEXO AND LETTERPRESS PLATES, THERMAL OFFSET PLATES AND DRY OFFSET METAL-BACK PLATES. THIS DESIGN ALSO ELIMINATES THE NEED FOR OPERATORS TO SECURE THE PLATES WITH TAPE.

| Model                              | HDI-600S                                                                                                  | HDI-600H+                                                                                          |
|------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Plate Size                         | Max. 670x588mm (26x23 in) / Min. 100x130mm (4x5 in)                                                       |                                                                                                    |
| Maximum Imaging Size               | 670x573mm (26x22 in)                                                                                      |                                                                                                    |
| Plate type                         | Polyester letterpress, Thermal offset plate (plate thickness <0.15mm), Digital flexo plate, Ablative film |                                                                                                    |
| Plate thickness                    | 0.11mm ~3.94mm                                                                                            |                                                                                                    |
| Automatic detection of thick plate | Standard                                                                                                  |                                                                                                    |
| Plate loading                      | Manual mounting, Auto loading                                                                             |                                                                                                    |
| Resolution                         | 4000 dpi (upgradeable 8000 dpi)<br>2400/4800 dpi (upgradeable 9600 dpi)<br>2450/5080 dpi                  | 4000/8000 dpi<br>2400/4800/9600 dpi<br>2450/5080 dpi                                               |
| Digital flexo plate making speed   | 2400 dpi 3.05m <sup>2</sup> /h<br>4800 dpi 2.65m <sup>2</sup> /h<br>9600 dpi 1.33m <sup>2</sup> /h        | 2400 dpi 5.47m <sup>2</sup> /h<br>4800 dpi 4.02m <sup>2</sup> /h<br>9600 dpi 2.01m <sup>2</sup> /h |
| Offset plate making speed          | About 19 sheets per hour (510x400mm)<br>2400 dpi                                                          | About 28 sheets per hour (510x400mm)<br>2400 dpi                                                   |
| Net weight                         | 780 kg                                                                                                    |                                                                                                    |
| Power supply                       | Single-phase 220V± 5% 50/60Hz                                                                             |                                                                                                    |
| Rated power                        | 5.1 kW                                                                                                    |                                                                                                    |
| Dimensions                         | (L x W x H) 1410x1175x1050mm                                                                              |                                                                                                    |
| Environment                        | 18~28 C, RH: 40%~60%                                                                                      |                                                                                                    |

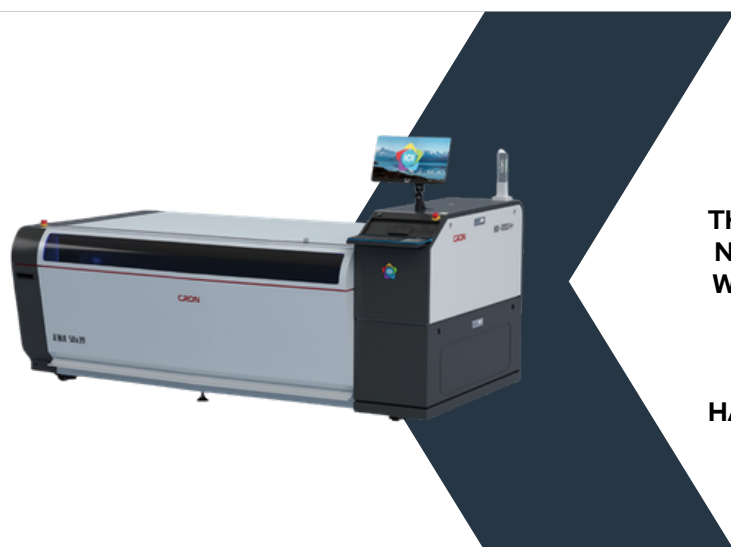


## HDI-920 SERIES

THE CRON HDI FLEXO 920 IS A HIGHLY FLEXIBLE CTP FOR NARROW AND MEDIUM FORMATS SUCH AS LABEL PRINTING, PAPER CUPS AND CARTONS.

THE HDI FLEXO 920 OFFERS SUPERIOR QUALITY, HIGH PRODUCTIVITY AND COST EFFICIENCY ON A VERY COMPACT FOOTPRINT, MAKING IT A SMART CHOICE FOR ALL PACKAGING CONVERTERS.

| Model                              | HDI-920S                                                                                                  | HDI-920H+                                                                                          |
|------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Plate Size                         | Max. 920x675mm (36x26 in) / Min. 100x130mm (4x5 in)                                                       |                                                                                                    |
| Maximum Imaging Size               | 920x660mm (36x26 in)                                                                                      |                                                                                                    |
| Plate type                         | Polyester letterpress, Thermal offset plate (plate thickness <0.15mm), Digital flexo plate, Ablative film |                                                                                                    |
| Plate thickness                    | 0.11mm ~3.94mm                                                                                            |                                                                                                    |
| Automatic detection of thick plate | Standard                                                                                                  |                                                                                                    |
| Plate loading                      | Manual mounting, Auto loading                                                                             |                                                                                                    |
| Resolution                         | 4000 dpi (upgradeable 8000 dpi)<br>2400/4800 dpi (upgradeable 9600 dpi)<br>2450/5080 dpi                  | 4000/8000 dpi<br>2400/4800/9600 dpi<br>2450/5080 dpi                                               |
| Digital flexo plate making speed   | 2400 dpi 2.99m <sup>2</sup> /h<br>4800 dpi 3.05m <sup>2</sup> /h<br>9600 dpi 1.53m <sup>2</sup> /h        | 2400 dpi 6.30m <sup>2</sup> /h<br>4800 dpi 4.63m <sup>2</sup> /h<br>9600 dpi 2.31m <sup>2</sup> /h |
| Offset plate making speed          | About 27 sheets per hour (510x400mm)<br>2400 dpi                                                          | About 40 sheets per hour (510x400mm)<br>2400 dpi                                                   |
| Net weight                         | 880 kg                                                                                                    |                                                                                                    |
| Power supply                       | Single-phase 220V± 5% 50/60Hz                                                                             |                                                                                                    |
| Rated power                        | 5.6 kW                                                                                                    |                                                                                                    |
| Dimensions                         | (L x W x H) 1650x1300x1100mm                                                                              |                                                                                                    |
| Environment                        | 18~28 C, RH: 40%~60%                                                                                      |                                                                                                    |



## HDI-1200 SERIES

THE CRON HDI FLEXOIMAGER 1200 SET AN ASTONISHING NEW PRICE POINT FOR LARGE FORMAT FLEXO IMAGERS, WHILST DELIVERING THE SAME HIGH-QUALITY IMAGING AS ALL CRON DEVICES.

ITS UNIQUE YET SIMPLE DESIGN ALLOWS MINIMUM HANDLING OF THE PLATE MATERIAL, MINIMISING WASTE WITHOUT ANY COMPROMISE IN QUALITY.

| Model                              | HDI-1200H                                                                                          | HDI-1200H+                                                                                         |
|------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Plate Size                         | Max. 1000x1270mm (39x50 in) / Min. 350x200mm (14x8 in)                                             |                                                                                                    |
| Maximum Imaging Size               | 1000x1245mm (39x49 in)                                                                             |                                                                                                    |
| Plate type                         | Polyester letterpress, Digital flexo plate, Ablative film                                          |                                                                                                    |
| Plate thickness                    | 0.11mm ~7mm                                                                                        |                                                                                                    |
| Automatic detection of thick plate | Standard                                                                                           |                                                                                                    |
| Plate loading                      | Manual mounting, Auto loading                                                                      |                                                                                                    |
| Resolution                         | 4000 dpi (upgradeable 8000 dpi)<br>2400/4800 dpi (upgradeable 9600 dpi)<br>2450/5080 dpi           | 4000/8000 dpi<br>2400/4800/9600 dpi<br>2450/5080 dpi                                               |
| Digital flexo plate making speed   | 2400 dpi 6.61m <sup>2</sup> /h<br>4800 dpi 6.42m <sup>2</sup> /h<br>9600 dpi 3.21m <sup>2</sup> /h | 2400 dpi 8.86m <sup>2</sup> /h<br>4800 dpi 8.61m <sup>2</sup> /h<br>9600 dpi 4.31m <sup>2</sup> /h |
| Net weight                         | 1480 kg                                                                                            |                                                                                                    |
| Power supply                       | Single-phase 220V± 5% 50/60Hz                                                                      |                                                                                                    |
| Rated power                        | 8.5 kW                                                                                             |                                                                                                    |
| Dimensions                         | (L x W x H) 2310x1400x1140mm                                                                       |                                                                                                    |
| Environment                        | 18~28 C, RH: 40%~60%                                                                               |                                                                                                    |



## HDI-1600 SERIES

THE CRON HDI FLEXO IMAGER 1600 SET AN ASTONISHING NEW PRICE POINT FOR LARGE FORMAT FLEXO IMAGERS, WHILST DELIVERING THE SAME HIGH-QUALITY IMAGING AS ALL CRON DEVICES.

ITS UNIQUE YET SIMPLE DESIGN ALLOWS MINIMUM HANDLING OF THE PLATE MATERIAL, MINIMISING WASTE WITHOUT ANY COMPROMISE IN QUALITY. THE HDI 1600 COVER AN EXTENSIVE RANGE OF WIDE-FORMAT APPLICATIONS SUCH AS FLEXIBLE PACKAGING, CORRUGATED AND FOLDING CARTON PRINTING

| Model                              | HDI-1600H                                                                                          | HDI-1600H+                                                                                         |
|------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Plate Size                         | Max. 1524x1270mm (60x50 in) / Min. 350x200mm (14x8 in)                                             |                                                                                                    |
| Maximum Imaging Size               | 1524x1245mm (60x49 in)                                                                             |                                                                                                    |
| Plate type                         | Polyester letterpress, Digital flexo plate, Ablative film                                          |                                                                                                    |
| Plate thickness                    | 0.11mm ~7mm                                                                                        |                                                                                                    |
| Automatic detection of thick plate | Standard                                                                                           |                                                                                                    |
| Plate loading                      | Manual mounting, Auto loading                                                                      |                                                                                                    |
| Resolution                         | 4000 dpi (upgradeable 8000 dpi)<br>2400/4800 dpi (upgradeable 9600 dpi)<br>2450/5080 dpi           | 4000/8000 dpi<br>2400/4800/9600 dpi<br>2450/5080 dpi                                               |
| Digital flexo plate making speed   | 2400 dpi 6.61m <sup>2</sup> /h<br>4800 dpi 6.42m <sup>2</sup> /h<br>9600 dpi 3.21m <sup>2</sup> /h | 2400 dpi 8.86m <sup>2</sup> /h<br>4800 dpi 8.61m <sup>2</sup> /h<br>9600 dpi 4.31m <sup>2</sup> /h |
| Net weight                         | 1480 kg                                                                                            |                                                                                                    |
| Power supply                       | Single-phase 220V± 5% 50/60Hz                                                                      |                                                                                                    |
| Rated power                        | 8.5 kW                                                                                             |                                                                                                    |
| Dimensions                         | (L x W x H) 2310x1400x1140mm                                                                       |                                                                                                    |
| Environment                        | 18~28 C, RH: 40%~60%                                                                               |                                                                                                    |





## HDI-2000 SERIES

COMBINING WITH LATEST INTERNET TECHNOLOGY, CRON HDI-2000 IS ONE OF THE MOST INTELLIGENT PLATE MAKING EQUIPMENT IN THE WORLD. DATA INFORMATION SUCH AS EQUIPMENT OPERATING STATUS, STARTUP UTILISATION, WORKING CONDITIONS AND MAINTENANCE CYCLE NOTICE IS EASILY GLIMPSED AT ONE HAND, AND IT HAS BECOME AN IMPORTANT PART OF THE SMART FACTORY.

| Model                              | HDI-2000H                                                                                          | HDI-2000H+                                                                                         |
|------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Plate Size                         | Max. 2032x1270mm (80x50 in) / Min. 350x200mm (14x8 in)                                             |                                                                                                    |
| Maximum Imaging Size               | 2032x1245mm (80x49 in)                                                                             |                                                                                                    |
| Plate type                         | Polyester letterpress, Digital flexo plate, Ablative film                                          |                                                                                                    |
| Plate thickness                    | 0.11mm ~7mm                                                                                        |                                                                                                    |
| Automatic detection of thick plate | Standard                                                                                           |                                                                                                    |
| Plate loading                      | Manual mounting, Auto loading                                                                      |                                                                                                    |
| Resolution                         | 4000 dpi (upgradeable 8000 dpi)<br>2400/4800 dpi (upgradeable 9600 dpi)<br>2450/5080 dpi           | 4000/8000 dpi<br>2400/4800/9600 dpi<br>2450/5080 dpi                                               |
| Digital flexo plate making speed   | 2400 dpi 6.61m <sup>2</sup> /h<br>4800 dpi 6.42m <sup>2</sup> /h<br>9600 dpi 3.21m <sup>2</sup> /h | 2400 dpi 8.86m <sup>2</sup> /h<br>4800 dpi 8.61m <sup>2</sup> /h<br>9600 dpi 4.31m <sup>2</sup> /h |
| Net weight                         | 2800 kg                                                                                            |                                                                                                    |
| Power supply                       | Single-phase 220V± 5% 50/60Hz                                                                      |                                                                                                    |
| Rated power                        | 8.8 kW                                                                                             |                                                                                                    |
| Dimensions                         | (L x W x H) 2820x1400x1125mm                                                                       |                                                                                                    |
| Environment                        | 18~28 C, RH: 40%~60%                                                                               |                                                                                                    |

# ESKO FLEXO CDI DEVICES

## INNOVATIVE IMAGING AND AUTOMATION SOLUTIONS

ESKO is a global leader in packaging and print workflow technology, recognised for its precision, reliability, and smart automation. Designed to simplify complex prepress and platemaking processes, ESKO solutions empower printers to achieve outstanding quality, consistency, and efficiency across every production stage.

Through Kalideck's partnership with ESKO, customers gain access to cutting-edge flexographic imaging and exposure systems that streamline operations, reduce manual handling, and ensure predictable, repeatable results every time.

# ESKO CRYSTAL CDI RANGE

The CDI Crystal XPS revolutionises flexo platemaking by combining digital imaging and LED UV exposure in one fully integrated system. This linear, automated workflow eliminates multiple manual steps, improving plate consistency while reducing time, maintenance, and equipment footprint.

By uniting two critical stages of platemaking, the CDI Crystal XPS enhances productivity, simplifies operation, and frees your team to focus on what matters most: delivering superior print performance



CDI Crystal 5080



CDI Crystal 4260



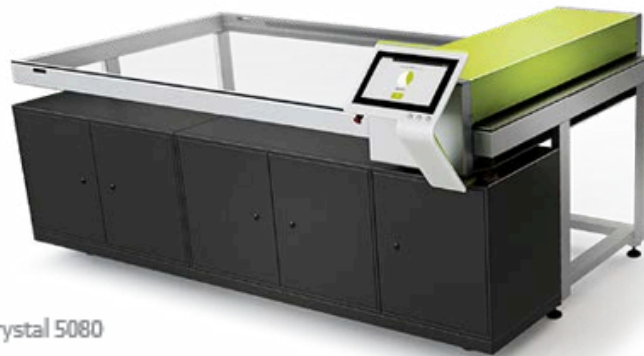
CDI Crystal 4835

|                           | CDI Crystal 4835                                                                                                      | CDI Crystal 4260                      | CDI Crystal 5080                      |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Type of imager            | • External drum design                                                                                                |                                       |                                       |
|                           | • Cast granite machine base                                                                                           |                                       |                                       |
|                           | • High power Fiber Laser source, Laser Class 1 CDI.                                                                   |                                       |                                       |
| Image quality             | • Screen rulings up to 250 lpi, depending on imaging resolution                                                       |                                       |                                       |
|                           | • Halftone: 1-99%                                                                                                     |                                       |                                       |
|                           | • HighRes Optics: fully variable from 2540 to 4000 ppi on job to job base                                             |                                       |                                       |
| Engine control            | • Grapholas Touch Exposer on Intel PC with Windows 7                                                                  |                                       |                                       |
|                           | • Automatic merging via “Automation Engine” in combination with “Flexo Plate Making Module                            |                                       |                                       |
|                           | • for AE” or standalone Merger (requires Intel PC with Windows 7)                                                     |                                       |                                       |
|                           | • Input file format: LEN or TIFF, compatible with all CDI family members                                              |                                       |                                       |
| RIP and screening options | • Optional Imaging Engine                                                                                             |                                       |                                       |
|                           | • Industry standard PostScript/PDF RIP                                                                                |                                       |                                       |
|                           | • Quality screening optimized for flexo (Circular, Double Circular dots) included in the RIP                          |                                       |                                       |
|                           | • HD Flexo Screening option for the finest print quality in flexo                                                     |                                       |                                       |
|                           | • Pixel+ option for best in class ink transfer and SIDs in flexo                                                      |                                       |                                       |
| Esko software             | • Flexo Engine, Automation Engine, Imaging Engine, Flexo Screening (HD Flexo, Pixel+, Crystal Screening), Equinox ... |                                       |                                       |
| Plates                    | • All digital photopolymer plates                                                                                     |                                       |                                       |
|                           | • Usable plate thickness: 0.030” to 0.155” / 0.76 to 3.94 mm                                                          |                                       |                                       |
| Plate sizes               | 48” x 35” / 1200 x 900 mm or smaller                                                                                  | 42” x 60” / 1067 x 1524 mm or smaller | 50” x 80” / 1270 x 2032 mm or smaller |
| Machine dimensions        | • Width: 98.2” / 2494 mm                                                                                              | • Width: 133.6" / 3394 mm             | • Width: 133.6” / 3394 mm             |
|                           | • Depth: 84.6” / 2148 mm                                                                                              | • Depth: 85" / 2158 mm                | • Depth: 85” / 2158 mm                |
|                           | • Height: 54.4” / 1381 mm                                                                                             | • Height: 54.4" / 1383 mm             | • Height: 54.4" / 1383 mm             |
|                           | • Weight: 2425 lbs / 1100 kg                                                                                          | • Weight: 4.410lb / 2000 kg           | • Weight: 4497 lbs / 2040 kg          |
| Installation requirements | • Separate vacuum system, exhaust unit and external compressed air device included                                    |                                       |                                       |
|                           | • No external water cooling is required                                                                               |                                       |                                       |
|                           | • Electrical                                                                                                          |                                       |                                       |
|                           | › Imager: 230V/N/PE, 50/60 Hz                                                                                         |                                       |                                       |
|                           | › Exhaust unit: 230V/N/PE, 50/60Hz, 1.2 kVA                                                                           |                                       |                                       |
|                           | › Air compressor: 230V/N/PE, 50/60Hz, 0.75 kVA                                                                        |                                       |                                       |

# ESKO CRYSTAL XPS RANGE

The innovative XPS Crystal optimally combines UV main and back exposure. Unlike UV frames using light bulbs fluctuating in output, it uses UV LEDs which don't need warm-up time and always emit consistent radiation.

A synchronised and optimally controlled UV main and back exposure gives you highly consistent digital flexo plates – for every digital flexo plate type.



XPS Crystal 5080



XPS Crystal 4260



XPS Crystal 4835



|                           | XPS 4835                                                                        | XPS 4260                    | XPS 5080                    |
|---------------------------|---------------------------------------------------------------------------------|-----------------------------|-----------------------------|
| Type of device            | UV-LED back and main exposure of digital photopolymer plates for flexo printing |                             |                             |
| Engine control            | XPS Touch GUI on Intel PC with Windows 7                                        |                             |                             |
| Plates                    | • All digital photopolymer plates                                               |                             |                             |
|                           | • Usable plate thickness: 0.030" to 0.255" / 0.76 to 6.35 mm                    |                             |                             |
| Plate sizes               | up to 48" x 35" /                                                               | up to 42" x 60" /           | up to 50" x 80" /           |
|                           | 1200 x 900 mm or smaller                                                        | 1067 x 1524 mm or smaller   | 1270 x 2032 mm or smaller   |
| Machine dimensions        | • Width: 77.55" / 1970 mm                                                       | • Width: 102.75 " / 2610 mm | • Width: 122.04" / 3100 mm  |
|                           | • Depth: 77.04" / 1957 mm                                                       | • Depth: 77.04" / 1957 mm   | • Depth: 77.04" / 1957 mm   |
|                           | • Height: 53.85" / 1368 mm                                                      | • Height: 53.85" / 1368 mm  | • Height: 53.85 / 1368 mm   |
|                           | • Weight: 1433 lbs / 650 kg                                                     | • Weight: 1764 lbs / 800 kg | • Weight: 1764 lbs / 800 kg |
| Installation requirements | • XPS 4835/4260/5080: L1/L2/L3/N/PE 400 VAC 50 Hz / 460 VAC 60 Hz, 9.0 kW       |                             |                             |
|                           | • Chiller: L1/L2/L3/N/PE 400 VAC 50 Hz / 460VAC 60 Hz, 9.0 kW                   |                             |                             |

## ESKO SPARK CDI SERIES

Based on the FTA and GATF award winning technology of the Esko Cyrel™ Digital Imager (CDI), the premier and most productive device for flexo imaging, the CDI Spark 4835 specifically addresses the small and medium volume label and folding carton flexo plate makers and converters.



Three productivity levels of the awarded CDI Optics are available for CDI Spark 4835, either Optics 15 (1.5 m<sup>2</sup> per hour), Optics 25 (2.5 m<sup>2</sup> per hour) or Optics 40 (4 m<sup>2</sup> per hour).

The CDI Spark 4835 comes with EasyClamp, to securely hold down flexo plates of any thickness on the vacuum drum.

|                               |                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Machine dimensions            | <ul style="list-style-type: none"> <li>• Width: 82.7" / 2100 mm</li> <li>• Depth: 43.3" / 1100 mm (loading table closed)<br/>66.9" / 1700 mm (loading table opened)</li> <li>• Height: 45.7" / 1160 mm</li> <li>• Weight: 3300 lb. / 1500 kg</li> </ul>                                                                                                                   |
| Engine control                | <p>Grapholas® on Intel PC with Windows 2000.</p> <p>The input file format is LEN or TIFF, compatible with all CDI family members.</p>                                                                                                                                                                                                                                     |
| Type of imager                | <ul style="list-style-type: none"> <li>• External drum design</li> <li>• Max. plate format 48"x 35" / 1200 mm x 900 mm or smaller</li> <li>• Solid granite machine base</li> <li>• High power Fiber Laser source, Class 1 laser</li> </ul>                                                                                                                                |
| Image quality                 | <ul style="list-style-type: none"> <li>• Screen rulings: up to 200 lpi, depending on imaging resolution</li> <li>• Halftone 1-99%</li> <li>• Resolutions: fully variable from 2000 to 4000 ppi on job-to-job base</li> </ul>                                                                                                                                              |
| Plates                        | <ul style="list-style-type: none"> <li>• All digital photopolymer plates or ablative film</li> <li>• Usable plate thickness: 0.030" to 0.255" / 0.76 mm to 6.35 mm</li> <li>• Sizes up to: 48" x 35" / 1200 mm x 900 mm (or smaller)</li> </ul>                                                                                                                           |
| Installation requirements     | <ul style="list-style-type: none"> <li>• Separate vacuum and exhaust system included</li> <li>• No external compressed air supply needed</li> <li>• No external water cooling is required</li> <li>• Electrical: <ul style="list-style-type: none"> <li>230V/N/PE, 50/60 Hz, 2.9 kVA (imager)</li> <li>230V/N/PE, 50/60 Hz, 1.2 kVA (exhaust unit)</li> </ul> </li> </ul> |
| Letterpress options available | <ul style="list-style-type: none"> <li>• For steel-base Letterpress plates (sizes up to 635 mm x 815 mm)</li> <li>• Magnetic drum with customized register pin system for digital steel-base Letterpress plates</li> <li>• Magnetic-vacuum drum for all digital polyester-base plates and steel-base Letterpress plates</li> </ul>                                        |

# DUPONT DEVICES

INNOVATIVE, SUSTAINABLE SOLUTIONS FOR FASTER, CLEANER,  
AND MORE CONSISTENT FLEXO PLATE PRODUCTION.

DuPont is a global leader in flexographic plate technology, offering a complete range of consumables and equipment designed to deliver precision, consistency, and efficiency throughout the plate-making process.

The DuPont™ Cyrel® range supports printers with high-quality results, faster turnaround times, and sustainable production solutions suited to a wide variety of substrates and printing applications.

 **DUPONT**™

# DUPONT™ CYREL® FAST 1000 TD

DuPont™ Cyrel® FAST 1000 TD is redesigned from the ground up with customer needs in mind.

It is easy to install, support, maintain and operate. The system is robust, extremely cost effective and reliable. The Cyrel® FAST 1000 TD system uses dry, thermal technology to process high-quality Cyrel® photopolymer plates, eliminating the need for solvent, enabling sustainable flexographic plate processing.



DuPont Industrial Solutions brings together leading technologies and products for the printing and package printing industries.

DuPont™ Cyrel® is one of the world's leading flexographic platemaking systems in digital and conventional formats, including DuPont™ Cyrel® brand photopolymer plates (analogue and digital), Cyrel® platemaking equipment, Cyrel® round sleeves, Cyrel® plate mounting systems and the revolutionary Cyrel® FAST thermal system.



| General                                                                            | Details                                                                                                                             | Other Notes                                                                                      |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Equipment Name                                                                     | DuPont™ Cyrel® FAST 1000 TD                                                                                                         | Thermal developer                                                                                |
| SAP Article Number                                                                 | tbd                                                                                                                                 |                                                                                                  |
| Max. Plate Size                                                                    | 900 x 1,200 mm                                                                                                                      | 35.4 x 47.2 inch                                                                                 |
| Min. Plate Size                                                                    | 254 x 305 mm                                                                                                                        | 10 x 12 inch                                                                                     |
| Max. Plate Thickness                                                               | 2.840 mm                                                                                                                            | 0.112 inch                                                                                       |
| Min. Plate Thickness                                                               | 1.14 mm                                                                                                                             | 0.045 inch                                                                                       |
| Electrical (Field Configurable)                                                    | 400VAC 50/60Hz (worldwide)<br>230VAC 50/60Hz (North America)                                                                        | 3P + N + PE<br>3P + PE                                                                           |
| Power consumption<br>Operation (maximum)<br>Power consumption<br>Standby (maximum) | 7 kW<br>150 W                                                                                                                       |                                                                                                  |
| Fuse and cable                                                                     | Worldwide 3 x 25A Cable: Minimum 5 x 4mm2<br>North America 3 x 30A Cable: Minimum 4 x 10AWG                                         |                                                                                                  |
| Exhaust                                                                            | 350 m³/h (206 ft³/min) - Connected to processor<br>750 m³/h (412 ft³/min) minimum flow - Open duct                                  | Exhaust duct heat resistance,<br>min. 65°C (149°F)<br>Exhaust duct diameter 160<br>mm (6.3 inch) |
| Remote Connection                                                                  | RJ45 internet connector                                                                                                             | For remote service capability                                                                    |
| Environmental Data                                                                 | Temperature range: 18°C to 27°C (64°F to 81°F)                                                                                      | Absolute humidity: max.<br>14g/m³, non-condensing<br>@17°C                                       |
| Compressed Air Supply                                                              | <b>Pressure range:</b><br>6.5 bar (94 psi) - 7.0 bar (102 psi)<br>Volume: 300 l/min (10.6 CFM)                                      | Air quality: ISO Class 344                                                                       |
| Dimensions: D<br>W<br>H<br>H (open)                                                | <b>Uncrated</b><br>1,715 mm (67.52 inch)<br>1,721 mm (67.76 inch)<br>1,232 - 1,271 mm (48.5 - 50 inch)<br>Max. 2,025 mm (79.8 inch) | <b>Crated</b><br>1,850 mm (72.84 inch)<br>1,850 mm (72.84 inch)<br>1,475 mm (58.07 inch)         |
| Weight                                                                             | 1,500 kg (3,307 lbs)                                                                                                                | Crated: 2,000 kg (4,409 lbs)                                                                     |
| Colour                                                                             | DuPont Red and Grey                                                                                                                 |                                                                                                  |

The Cyrel® FAST technology enables the production of high- quality plates that combines the efficiency and speed of digital imaging with the environmental benefits of thermal plate processing. DuPont thermal plates are designed to meet the needs of high-quality flexographic printers with fine tone, line-work, and solids.

# DUPONT™ CYREL® FAST 2000 TD

DuPont™ Cyrel® FAST 2000 TD is redesigned from the ground up with customer needs in mind.

It is easy to install, support, maintain and operate. The system is robust, extremely cost effective and reliable. The Cyrel® FAST 2000 TD system uses dry, thermal technology to process high-quality Cyrel® photopolymer plates, eliminating the need for solvent, enabling sustainable flexographic plate processing.



DuPont Industrial Solutions brings together leading technologies and products for the printing and package printing industries.

DuPont™ Cyrel® is one of the world's leading flexographic platemaking systems in digital and conventional formats, including DuPont™ Cyrel® brand photopolymer plates (analogue and digital), Cyrel® platemaking equipment, Cyrel® round sleeves, Cyrel® plate mounting systems and the revolutionary Cyrel® FAST thermal system.

| General                         | Details                                | Other Notes                                                   |
|---------------------------------|----------------------------------------|---------------------------------------------------------------|
| Equipment Name                  | DuPont™ Cyrel® FAST 2000 TD            | Thermal developer                                             |
| Max. Plate Size                 | 42" x 60"                              | 1067 x 1524 mm                                                |
| Min. Plate Size                 | 24" x 18"                              | 600 x 450 mm                                                  |
| Max. Plate Thickness            | 0.112"                                 | 2.84 mm                                                       |
| Min. Plate Thickness            | 0.045"                                 | 1.14 mm                                                       |
| Electrical (Field Configurable) | 230V (North America), 400V (worldwide) | 3 Phase                                                       |
| Power (Nominal)                 | 7.6 kVA                                |                                                               |
| Power (Nominal)                 | 7.6 kVA                                |                                                               |
| Current (Nominal Load)          | 40 Amp @ 230V (NA)                     | 30A @ 400V (worldwide)                                        |
| Connecting Wires                | 240 Volt configuration                 | 4 AWG                                                         |
| Grounding                       | ≤ 0.1 Ω                                | Ground bar to equipment frame and to electrical supply ground |
| Noise Level                     | < 70 dB                                |                                                               |
| Exhaust                         | 6.3" diameter (160 mm)                 | 205 CFM (350 m3/h)                                            |
| Remote Connection               | RJ45 internet connector                | For remote service capability                                 |
| Environmental Data              | Temperature range:                     | Relative humidity from 40% to 80% non-                        |
|                                 | 64°F to 81°F (18°C to 27°C)            | condensing                                                    |
| Compressed Air Supply           | 94-102 psi, 10.6 cfm                   | 6.5-8 bar (300 l/min)                                         |
| Dimensions D                    | Uncrated                               | Crated                                                        |
| W H                             | 68.9" (1752 mm)                        | 78.0" (1980 mm)                                               |
| H (open)                        | 86.1" (2188 mm)                        | 117.3" (2980 mm)                                              |
|                                 | 78.7" (max. 2000 mm)                   |                                                               |
| Color                           | DuPont Red and Grey                    |                                                               |

# GLUNZ & JENSEN DEVICES

PRECISION-ENGINEERED EXPOSURE TECHNOLOGY THAT  
DELIVERS CONSISTENT RESULTS WITH ENERGY-EFFICIENT  
PERFORMANCE.

Glunz & Jensen combines innovative engineering with decades of experience in prepress technology. Their LED exposure units deliver uniform light distribution, energy efficiency, and precise control for consistent, high-quality plate exposure.

This technology ensures reduced power consumption, improved accuracy, and long-lasting performance for modern flexo workflows.



**GLUNZ & JENSEN**

# FLEX-POSE LED EXPOSURE UNIT

With a compact footprint and cooled bed, this single-sided LED exposure system combines elegant simplicity with ground-breaking LED technology. The result is an affordable, easy to use exposure unit. The LEDs provide consistent and precise dot reproduction in less time and with less energy usage than a traditional exposure unit.



The Flex-Pose LED is a smart choice – regardless of whether your focus is on saving electricity, space, time or money. Designed to be compact, affordable and reliable, you can expect the same high quality results that you have come to trust from Glunz & Jensen.

Save time and money – unlike conventional tube lights, LEDs have a lifetime of at least 20,000 hours and rarely have to be replaced.

| Flex-Pose LED               |                                              |
|-----------------------------|----------------------------------------------|
| MODEL                       | 420 LED                                      |
| PERFORMANCE                 |                                              |
| Plate size (max)            | 1070 x 1530 mm (42 x 60")                    |
| Plate type                  | All flexographic and letterpress plate types |
| Light source                | All high power LED 365Nm                     |
| CONSUMPTION                 |                                              |
| Power supply (main machine) | 1Ph+N+PE 230 VAC 13A 50/60Hz                 |
| Power supply (chiller)      | 1Ph+N+PE 230 VAC 13A 50/60Hz                 |
| Compressed air              | Not required                                 |
| Extraction                  | Not required                                 |
| Ethernet                    | 1x open connection with RJ45 socket          |
| GENERAL                     |                                              |
| Dimensions (LxWxH)          | 2120 x 1360 x 1300 mm                        |
|                             | (83.5 x 53 x 45.3")                          |
| Weight (approx.)            | 300 kg (661 lbs)                             |
| Approvals                   | Complies with CE and RoHS standards          |



# WORKFLOW SOLUTIONS

Kalideck's software solutions bring precision, automation, and control to your production process, connecting every stage from design to press. With intelligent workflows that simplify complex tasks, reduce manual intervention, and improve job accuracy, our systems help you achieve consistent results with less effort.

Designed for flexibility and scalability, Kalideck's workflow solutions integrate effortlessly with your existing setup, giving you the confidence to produce more, faster, smarter, and with total reliability.



**Kodak**  
Prinerger  
Workflow



**HYBRID**  
SOFTWARE

# HYBRID SOFTWARE

Hybrid Flexo Software brings innovation and efficiency together to simplify every stage of the flexographic workflow.

Designed specifically for modern packaging and label production, it provides powerful tools for prepress automation, trapping, step-and-repeat, and colour management.



With its intuitive interface and seamless integration capabilities, Hybrid Flexo Software helps operators work faster, reduce errors, and maintain consistent quality across all jobs. From file preparation to plate production, it delivers the precision and reliability that today's flexo printers demand.

By combining smart automation with user-friendly control, Hybrid Flexo Software enables true end-to-end productivity, ensuring every plate, proof, and print meets the highest standard of accuracy and consistency.

# KODAK PRINERGY WORKFLOW

Prinergy streamlines prepress operations, automates repetitive tasks, and ensures that every file entering production meets the highest quality standards.

With advanced colour management, secure file handling, and real-time visibility into your workflow, Prinergy keeps your operations running smoothly and efficiently.

Built for performance and trusted worldwide, Prinergy helps you reduce waste, shorten turnaround times, and deliver flawless results every time.



# ESKO PREPRESS WORKFLOW AUTOMATION

Automation Engine is designed to maximize automation within your prepress department and beyond – supplying right first time proofs to your customers and high-quality print-ready files for your digital, flexo, offset, and gravure presses.

Automation Engine enables you to standardise your processes, remove time wasted activities from your prepress, and minimise pre-production errors.



Automate, connect, and accelerate the entire packaging go-to-market process. Streamline your design, approval, printing, and palletisation processes.

# PLATE CONSUMABLES

Our plate consumables range is designed to deliver exceptional quality, consistency, and efficiency throughout the flexographic workflow. From digital plates to processing solutions, we supply products that ensure precise ink transfer, reduced downtime, and longer plate life.

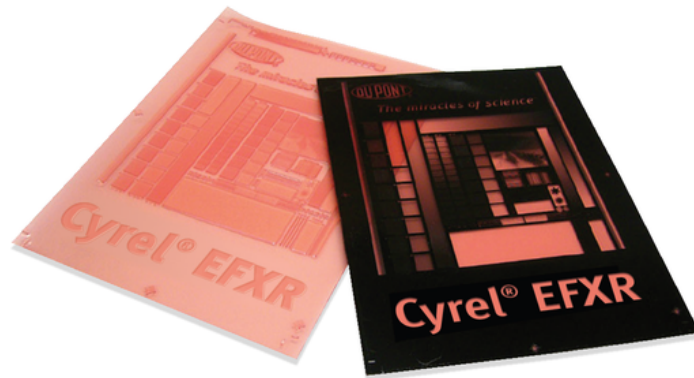
Partnering with the leading Global brand DuPont™ Cyrel®, we offer reliable, high-performance materials that support both conventional and solvent-free platemaking systems – enabling printers to achieve sharper detail, vibrant colour, and sustainable production outcomes.



# DUPONT™ CYREL® EASY FAST EFXR

Cyrel® EFXR is the latest addition to the DuPont™ Cyrel® EASY platform with built-in flat top dot technology and is formulated for thermal processing. In addition to excellent print quality in terms of highlights, and smoothness of vignettes, DuPont™ Cyrel® EFXR comes with greater platemaking latitude.

With exceptional robustness, the plate delivers excellent longevity and cleanliness on press. Cyrel® EFXR has a smooth surface which is ideally suited for the micro-screening of solids, exceptionally high solid ink density transfer and low dot gain.



| Plates Available                | Thickness        | Durometer  | Image Reproduction        | Min. Positive Line Width | Min. Isolated Dot Size | Relief Depth |
|---------------------------------|------------------|------------|---------------------------|--------------------------|------------------------|--------------|
| <b>Cyrel EASY FAST EFXR 45</b>  | 0.045" (1.14 mm) | 76-78 Sh A | 1-98% @ 190 lpi (75 L/cm) | 0.10 mm (4 mil)          | 0.10 mm                | 0.60 mm      |
| <b>Cyrel EASY FAST EFXR 67</b>  | 0.067" (1.70 mm) | 68-70 Sh A | 1-98% @ 190 lpi (75 L/cm) | 0.10 mm (4 mil)          | 0.10 mm                | 0.65 mm      |
| <b>Cyrel EASY FAST EFXR 100</b> | 0.100" (2.54mm)  | 60-62 Sh A | 1.98% @ 190 lpi (75 L/cm) | 0.10 mm (4 mil)          | 0.15 mm                | 0.80 mm      |
| <b>Cyrel EASY FAST EFXR 107</b> | 0.107" (2.72 mm) | 60-62 Sh A | 1.98% @ 150 lpi (60 L/cm) | 0.10 mm (4 mil)          | 0.15 mm                | 0.80 mm      |
| <b>Cyrel EASY FAST EFXR 112</b> | 0.112" (2.84 mm) | 59-61 Sh A | 1.98% @ 150 lpi (60 L/cm) | 0.15 mm                  | 0.20 mm                | 0.85 mm      |



# DUPONT™ CYREL® EASY ESXR

DuPont™ Cyrel® ESXR is the latest addition to the DuPont™ Cyrel® EASY platform with built-in flat top dot technology and is formulated for solvent processing.

In addition to excellent print quality in terms of highlights, smoothness of vignettes and solid ink densities, DuPont™ Cyrel® ESXR comes with greater platemaking latitude. With exceptional robustness, the plate delivers excellent longevity and cleanliness on press.



| Plates Available           | Thickness        | Durometer  | Image Reproduction        | Min. Positive Line Width | Min. Isolated Dot Size | Relief Depth |
|----------------------------|------------------|------------|---------------------------|--------------------------|------------------------|--------------|
| Cyrel EASY Solvent ESXR 45 | 0.045" (1.14 mm) | 76-78 Sh A | 1-98% @ 190 lpi (75 L/cm) | 0.10 mm (4 mil)          | 0.10 mm                | 0.60 mm      |
| Cyrel EASY Solvent ESXR 67 | 0.067" (1.70 mm) | 68-70 Sh A | 1-98% @ 190 lpi (75 L/cm) | 0.10 mm (4 mil)          | 0.10 mm                | 0.70 mm      |

# DUPONT™ CYREL® DPR

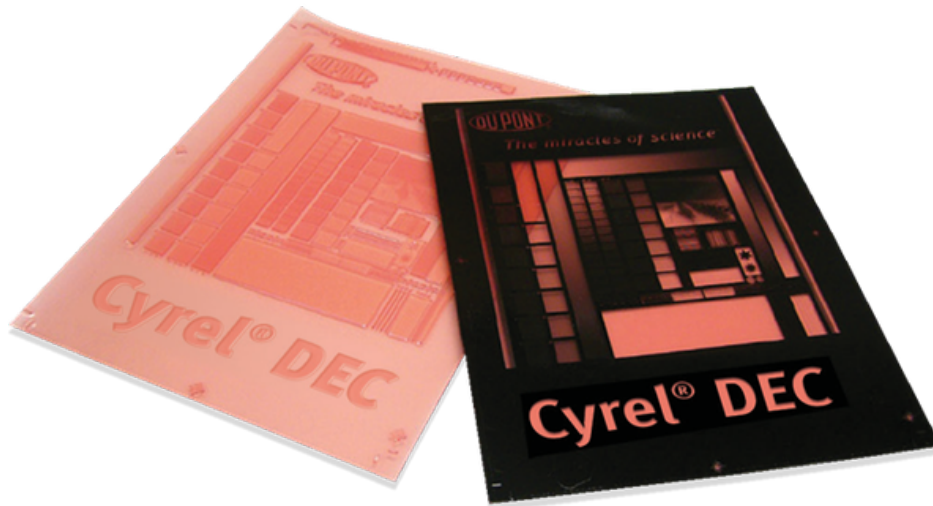
DuPont™ Cyrel® DPR is the digital plate of choice for high quality printing across a broad range of packaging segments. Cyrel® DPR has been designed to perform with a wide array of substrates and inks at higher productivity levels on press than other digital plates.



| Plates Available | Thickness        | Durometer | Image Reproduction | Min. Positive Line Width | Min. Isolated Dot Size | Relief Depth                     |
|------------------|------------------|-----------|--------------------|--------------------------|------------------------|----------------------------------|
| Cyrel® DPR 45    | 1.14 mm (0.045") | 76 Sh A   | 1-98% @ 60 L/cm    | 0.05 mm (2 mil)          | 200 µm                 | 0.60 mm max. (0.024")            |
| Cyrel® DPR 67    | 1.70 mm (0.067") | 69 Sh A   | 1-98% @ 60 L/cm    | 0.05 mm (2 mil)          | 200 µm                 | 0.70 mm max. (0.028")            |
| Cyrel® DPR 100   | 2.54 mm (0.10")  | 66 Sh A   | 1-98% @ 54 L/cm    | 0.075 mm (3 mil)         | 250 µm                 | 0.80 - 0.90 mm (0.031" - 0.035") |
| Cyrel® DPR 112   | 2.84 mm (0.11")  | 65 Sh A   | 1-98% @ 54 L/cm    | 0.075 mm (3 mil)         | 250 µm                 | 0.90 - 1.00 mm (0.035" - 0.039") |

# DUPONT™ CYREL® DEC

DuPont™ Cyrel® DEC is a soft digital plate for corrugated board applications withstanding even demanding requirements.



DuPont Advanced Printing brings together leading technologies and products for the printing and package printing industries. DuPont™ Cyrel® is one of the world's leading flexographic platemaking systems in digital and conventional formats, including DuPont™ Cyrel® brand photopolymer plates (analogue and digital), Cyrel® platemaking equipment, Cyrel® round sleeves, Cyrel® plate mounting systems and the revolutionary Cyrel® FAST thermal system.

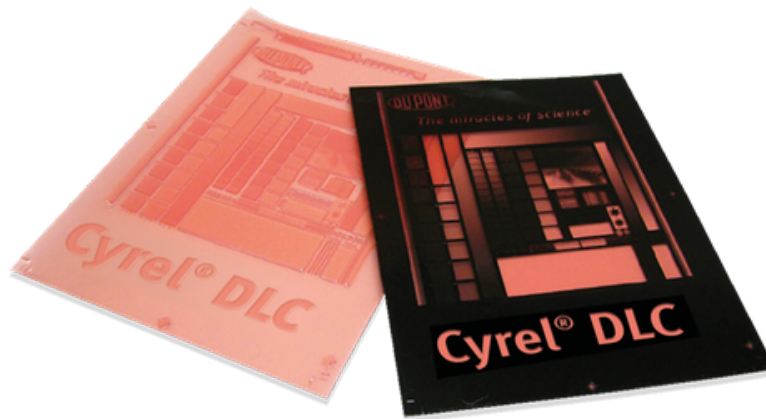
## Product Features and Benefits

- Excellent ink transfer permits superior printing uniformity
- High exposure resolution results in better quality reproduction
- Image relief is clean and sharp
- Exceptional exposure latitude allows single exposure without masking
- Exceptional thickness uniformity
- Less make ready time
- High resistance to ozone and white light results in excellent storage capability

| Plates Available      | Thickness        | Durometer | Image Reproduction | Min. Positive Line Width | Min. Isolated Dot Size | Relief Depth                |
|-----------------------|------------------|-----------|--------------------|--------------------------|------------------------|-----------------------------|
| <b>Cyrel® DEC 112</b> | 2.84 mm / 0.112" | 38 Sh A   | 3-95% / 42 L/cm    | 7 mil / 0.175 mm         | 500 µm                 | 1.00-1.20 mm / 0.039-0.047" |
| <b>Cyrel® DEC 125</b> | 3.18 mm / 0.125" | 37 Sh A   | 3-95% / 42 L/cm    | 7 mil / 0.175 mm         | 500 µm                 | 1.00-1.20 mm / 0.039-0.047" |
| <b>Cyrel® DEC 155</b> | 3.94 mm / 0.155" | 36 Sh A   | 3-95% / 36 L/cm    | 12 mil / 0.300 mm        | 500 µm                 | 1.50-2.00 mm / 0.059-0.079" |
| <b>Cyrel® DEC 170</b> | 4.32 mm / 0.170" | 36 Sh A   | 3-95% / 28 L/cm    | 12 mil / 0.300 mm        | 500 µm                 | 1.50-2.00 mm / 0.059-0.079" |
| <b>Cyrel® DEC 185</b> | 4.70 mm / 0.185" | 36 Sh A   | 3-95% / 28 L/cm    | 14 mil / 0.350 mm        | 500 µm                 | 1.50-2.00 mm / 0.059-0.079" |
| <b>Cyrel® DEC 197</b> | 5.00 mm / 0.197" | 36 Sh A   | 3-95% / 28 L/cm    | 14 mil / 0.350 mm        | 500 µm                 | Max 2.50 mm / 0.098"        |
| <b>Cyrel® DEC 217</b> | 5.51 mm / 0.217" | 36 Sh A   | 3-95% / 28 L/cm    | 14 mil / 0.350 mm        | 500 µm                 | Max 2.50 mm / 0.098"        |
| <b>Cyrel® DEC 237</b> | 6.02 mm / 0.237" | 36 Sh A   | 3-95% / 28 L/cm    | 14 mil / 0.350 mm        | 500 µm                 | Max 2.50 mm / 0.098"        |
| <b>Cyrel® DEC 250</b> | 6.35 mm / 0.250" | 36 Sh A   | 3-95% / 28 L/cm    | 14 mil / 0.350 mm        | 500 µm                 | Max 2.50 mm / 0.098"        |

## DUPONT™ CYREL® DLC

The newest addition to the award-winning DuPont™ Cyrel® family of flexographic plates is Cyrel® DLC, an innovative soft digital plate that uses a new polymer formulation especially designed for the corrugated market, allowing it to perform exceptionally with water-based inks on lower quality recycled and thinner liner board.



### **Better on recycled board**

There is a new challenge for corrugated printers: box manufacturers are striving to down-gauge corrugated boards and use lower quality recycled paper, but do not want to compromise box strength. The DuPont™ Cyrel® DLC plate allows printers to overcome this challenge, transferring as much ink as possible onto uneven substrates to cover large solid areas without jeopardising board strength or integrity.

### **Improved solid ink coverage**

Printing uniformly across the width of the press without excessive over-impression was difficult since corrugated board is non-uniform and the plates are thick. The polymer used with the Cyrel® DLC plate is specially formulated to transfer as much ink as possible with minimal impression for amazing solids.

### **Less dot gain and fluting**

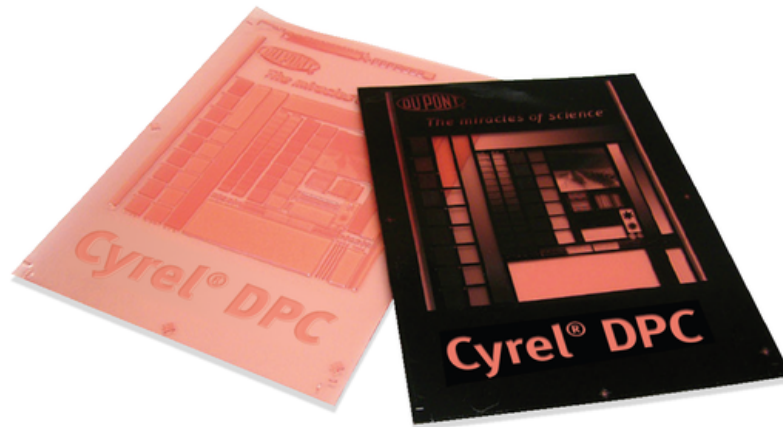
Traditional harder durometer plates require more impression to get the ink into corrugated flute valleys, causing excessive dot gain. The softer durometer plate allows for much cleaner barcodes, positive type and reverse areas. You can see the difference immediately.

| Sizes Available | Thickness        | Durometer | Image Reproduction | Min. Positive Line Width | Min. Isolated Dot Size | Relief Depth*    |
|-----------------|------------------|-----------|--------------------|--------------------------|------------------------|------------------|
| Cyrel® DLC 112  | 0.112" (2.84 mm) | 31 Sh A   | 3-95% @ 85 lpi     | 0.125 mm (5mil)          | 250 µm                 | 0.039" – 0.060"  |
|                 |                  |           | 34 L/cm            |                          |                        | (1.00 – 1.50 mm) |
| Cyrel® DLC 125  | 0.125" (3.18 mm) | 30 Sh A   | 3-95% @ 85 LPI     | 0.125 mm (5mil)          | 250 µm                 | 0.039" – 0.060"  |
|                 |                  |           | 34 L/cm            |                          |                        | (1.00 – 1.50 mm) |
| Cyrel® DLC 155  | 0.155" (3.94 mm) | 28 Sh A   | 3-95% @ 71 LPI     | 0.125 mm (5mil)          | 500 µm                 | 0.060" – 0.080"  |
|                 |                  |           | 28 L/cm            |                          |                        | (1.50 – 2.00 mm) |
| Cyrel® DLC 170  | 0.170" (4.32 mm) | 28 Sh A   | 3-95% @ 71 LPI     | 0.20mm (7.5 mil)         | 500 µm                 | 0.060" – 0.080"  |
|                 |                  |           | 28 L/cm            |                          |                        | (1.50 – 2.00 mm) |
| Cyrel® DLC 185  | 0.185" (4.70 mm) | 28 Sh A   | 3-95% @ 71 LPI     | 0.20mm (7.5 mil)         | 500 µm                 | 0.070" – 0.087"  |
|                 |                  |           | 28 L/cm            |                          |                        | (1.80 – 2.20 mm) |
| Cyrel® DLC 197  | 0.197" (5.00 mm) | 27 Sh A   | 3-95% @ 71 LPI     | 0.20mm (7.5 mil)         | 500 µm                 | 0.078" – 0.118"  |
|                 |                  |           | 28 L/cm            |                          |                        | (2.00 – 3.00 mm) |
| Cyrel® DLC 217  | 0.217" (5.51 mm) | 27 Sh A   | 3-95% @ 71 LPI     | 0.20mm (7.5 mil)         | 500 µm                 | 0.078" – 0.118"  |
|                 |                  |           | 28 L/cm            |                          |                        | (2.00 – 3.00 mm) |
| Cyrel® DLC 237  | 0.237" (6.02 mm) | 26 Sh A   | 3-95% @ 71 LPI     | 0.20mm (7.5 mil)         | 500 µm                 | 0.078" – 0.118"  |
|                 |                  |           | 28 L/cm            |                          |                        | (2.00 – 3.00 mm) |
| Cyrel® DLC 250  | 0.250" (6.35 mm) | 26 Sh A   | 3-95% @ 71 LPI     | 0.20mm (7.5 mil)         | 500 µm                 | 0.078" – 0.118"  |
|                 |                  |           | 28 L/cm            |                          |                        | (2.00 – 3.00 mm) |



# DUPONT™ CYREL® DPC

DuPont™ Cyrel® DPC is a soft digital plate which has been developed especially for the corrugated market. Highest quality results are achieved on any type of corrugated board using water-based inks.



| Sizes Available       | Thickness        | Durometer | Image Reproduction         | Min. Positive Line Width | Min. Isolated Dot Size | Relief Depth                      |
|-----------------------|------------------|-----------|----------------------------|--------------------------|------------------------|-----------------------------------|
| <b>Cyrel® DPC 112</b> | 0.112" (2.84 mm) | 38 Sh A   | 1-98% @ 120 LPI<br>48 L/cm | 0.125 mm (5 mil)         | 250 µm                 | 0.039" – 0.049"<br>(1.00-1.25mm)  |
| <b>Cyrel® DPC 125</b> | 0.125" (3.18 mm) | 37 Sh A   | 1-98% @ 120 LPI<br>48 L/cm | 0.125 mm (5 mil)         | 250 µm                 | 0.039" – 0.059"<br>(1.00-1.50 mm) |
| <b>Cyrel® DPC 155</b> | 0.155" (3.94 mm) | 36 Sh A   | 1-98% @ 110 LPI<br>42 L/cm | 0.300 mm (12 mil)        | 500 µm                 | 0.059" – 0.079"<br>(1.50-2.00 mm) |
| <b>Cyrel® DPC 250</b> | 0.250" (6.35 mm) | 35 Sh A   | 2-95% @ 85 LPI<br>34 L/cm  | 0.300 mm (12 mil)        | 500 µm                 | 0.098" – 0.118"<br>(2.50-3.00 mm) |

# TECHNICAL SERVICES



Our Technical Services Division provides the expertise and on-site support needed to keep your flexographic operation performing at its best. From equipment installation and calibration to workflow optimisation and operator training, our team ensures that every system runs efficiently and consistently.

With deep technical knowledge across hardware, software, and plate technologies, we partner with your production team to improve quality, minimise downtime, and maximise return on investment.



Our Technical Services Division combines expert knowledge, hands-on experience, and dedicated customer support to keep your flexographic systems operating at peak performance. With certified technicians and specialists across prepress, platemaking, and pressroom environments, we deliver tailored solutions that optimise efficiency and print quality.

From preventative maintenance and equipment calibration to workflow troubleshooting and operator training, Kalideck provides the technical expertise and responsive service you can rely on to maintain productivity and extend the life of your investment.





# CONTACT DETAILS

We're here to help you get the most out of your flexographic solutions. Whether you have questions about equipment, software, plates, or service plans, our team of experts is ready to provide guidance and support.

Reach out today to speak with a specialist, request a demonstration, or discuss how Kalideck can optimise your flexographic workflow.

## CONTACT US

### DALE KREUSCH



+27 82 763 8156



DKREUSCH@KALIDECK.CO.ZA



NATIONAL PRODUCT MANAGER: FLEXO

### FELICIA DE MEYER



+27 (11) 688 6000



FDEMEYER@KALIDECK.CO.ZA



TECHNICAL SERVICES LIAISON

