

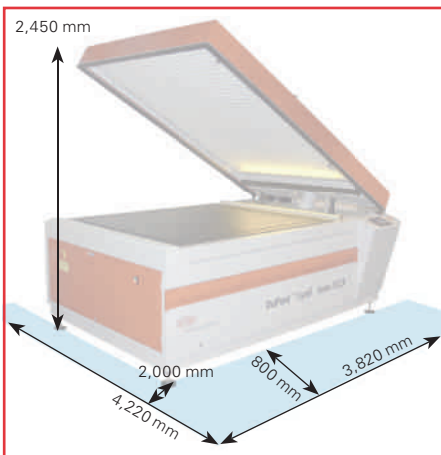
DuPont™ Cyrel® 2000 ECLF

STATE OF THE ART
EXPOSURE & LIGHT FINISHER

DuPont Packaging Graphics



DuPont™ Cyrel® 2000 ECLF



Technical Drawing

DuPont Packaging Graphics is a leading supplier serving the package printing markets with DuPont™ Cyrel® flexographic solutions. The Cyrel® systems for analogue and digital applications, which are available for solvent and thermal processing, comprise sheet photopolymer plates, continuous sleeves, plate making and mounting equipment. DuPont's complete range of equipment has been advancing Flexography for over 35 years. The DuPont™ Cyrel® systems are renowned for their unmatched production performance, for top quality plates and improvements in the overall pre-press workflow.

The Cyrel® 2000 ECLF is designed with customer needs in mind, it is easy to install, support, maintain and operate. It is robust, extremely cost effective and reliable.

Benefits

- Maximum plate size 1,200 x 1,530 mm
- Light integrator controlled exposure
- Clamshell design
- Outstanding vacuum draw down
- Anodised temperature controlled exposure bed
- Optimum productivity

Product Features

DuPont™ Cyrel® 2000 ECLF exposes, post-exposes and finishes to the highest quality, photopolymer plates up to a nominal maximum format of 1,200 x 1,530 mm (47 inch x 60 inch).

The Exposure section is a clamshell design holding 38 UV-A fluorescent tubes with built-in reflectors. One yellow control tube illuminates the exposure bed for inspecting of the plate surface. Unique to this exposure unit is the anodised temperature controlled bed, closed loop system that controls the exposure bed temperature, which translates into predictable and consistent exposures. The unit is fitted with a light integrator that compensates for the decrease in light output as the tubes age. To meet the demanding needs of high quality plates the user can easily customise the 25 basic exposure set-ups.

Each tube is constantly monitored by a light guide, giving the operator a visual indication. There are 3 counters imbedded in the PLC to keep track of the number of hours the UV-A and UV-C tubes have been in operation.

The Post Exposure and Light Finisher section hold 26 UV-C and 27 UV-A tubes. The PLC allows the user to perform post exposure and finishing in a preferred sequence, or simultaneously. The post exposure and finisher section has 25 basic set-ups that can be easily customised by the user.



The miracles of science™

| Technical Data | | |
|--|---|---|
| General | Details | Other Notes |
| Equipment Name | DuPont™ Cyrel® 2000 ECLF | Cooled exposure, post exposure and light finisher |
| SAP Article Number | MH89533 | |
| Packing | Crated | |
| Max. nominal plate width | 1,200 mm – 47 inch | |
| Min. nominal plate width | 1,530 mm – 60 inch | |
| UV-A tubes wave length | 360 nm – 380 nm | 38 tubes (Exposure) 27 tubes (Light Finisher) |
| UV-C tubes wave length | 254 nm | |
| Plate thickness | 0.5 mm to 0.7 mm | |
| Electrical (field configurable) | 370 / 440 Volt – 50 / 60 hz* 208 / 240 Volt – 50 / 60 hz** | 3Ph / N / PE* 3Ph / PE** |
| Power (nominal) | 10 kW | |
| Current (nominal load) | 16 Amp @ 400 Volt* 26 Amp @ 230 Volt** | * Connecting wires 5 x 10 mm ² for 400 Volt configuration. ** Connecting wires 4 x 10 mm ² for 230 Volt configuration. |
| Exhaust (Light Finisher) | Ø 160 mm – 6.3 inch | 1500 m ³ / h (min) |
| Environmental Data | Temperature range 17°C to 28°C – 63°F to 82°F | Relative humidity From 20% to 85% non-condensing |
| Compressed Air supply | 7 bar minimum | 80 psi min |
| Dimension D | 1,820 mm – 68 inch (un-crated) | 2,000 mm – 78.8 inch (crated) |
| W | 2,620 mm – 104 inch (un-crated) | 2,870 mm – 113.0 inch (crated) |
| H | 1,100 mm – 43 inch (un-crated) | 1,510 mm – 59.5 inch (crated) |
| H – open | 2,450mm – 94.0 inch (open) | |
| Weight | 1,000 kg – 2,205 lbs (un-crated) | 1,500 kg – 3,307 lbs (crated) |
| Colour | DuPont Grey & DuPont Red | |

All technical information set out herein is provided free of charge and is based on technical data, which DuPont believes to be reliable. It is intended for use by persons having skill, at their own discretion and risk. The handling precaution information contained herein is given with the understanding that those using it will satisfy themselves that their particular conditions of use present no health or safety hazards. Since conditions of product use are outside of our control we make no warranties express or implied in relation thereto and therefore cannot accept any liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under, or a recommendation to infringe any patents.

DuPont de Nemours (Deutschland) GmbH
DuPont Electronics & Communications
Hugenottenallee 173–175
63263 Neu-Isenburg
Deutschland
Tel: +49 (0) 6102 18 4400

Du Pont (U.K.) Limited
DuPont Electronics & Communications
Wedgwood Way, Stevenage
Hertfordshire SG1 4QN
United Kingdom
Tel: +44 (0) 1438 734485

To learn more, visit www.cyrel.co.uk
or contact your Cyrel® specialist



The miracles of science™

DuPont Packaging Graphics

“Advancing Flexography”