

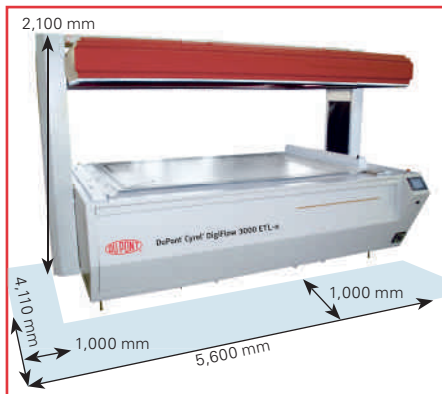
DuPont™ Cyrel® DigiFlow 3000 ETL-n

STATE OF THE ART EXPOSURE TOP LIFT

DuPont Packaging Graphics



DuPont™ Cyrel® DigiFlow 3000 ETL-n



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® DigiFlow 3000 ETL-n is designed to operate in both standard mode and in DigiFlow mode with no extra plate handling. The DigiFlow mode brings higher ink transfer in solid density and eliminates fluting in corrugated printing. It is easy to install, support, maintain and operate. It is robust, extremely cost effective and reliable.

Benefits

- Exposure in standard digital dot mode or DigiFlow mode
- Cost effective operation in DigiFlow mode
- Maximum plate size 1,320 x 2,030
- Top Lift design
- Double sided exposure
- Pre heated back exposure lamps
- 360° plate access
- Optimum productivity

Product Features

DuPont™ Cyrel® DigiFlow 3000 ETL-n exposes the highest quality photopolymer plates up to a nominal maximum format of 1,320 x 2,030 mm (52 inch x 80 inch).

The automatic lifting of the exposure lid allows easy and convenient 360° access to the exposure bed and photopolymer plate. This 360° access simplifies cleaning and adjusting of negatives and increases efficiency.

The main exposure is performed with 44 UV-A fluorescent tubes with built-in reflectors that are located in the top lid. The user can customise up to 20 basic exposure set ups through the PLC touch screen.

The exposure unit also features programmable back exposures. To perform the back and main exposure it is not required to flip the photopolymer plates. The back exposure is performed with 46 UV-A fluorescent tubes with built-in reflectors that are located underneath the exposure glass plate. Unique to the equipment is the pre heating back exposure section which translates in to predictable and consistent back exposures.

Two yellow control tubes are used to illuminate the exposure bed while performing inspection of the plate surface.



The miracles of science™

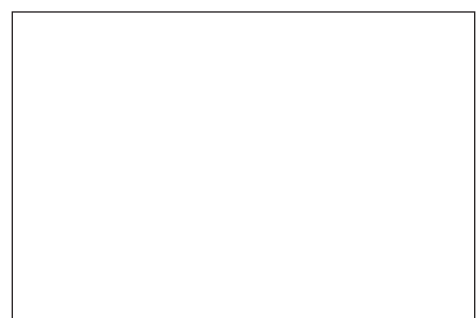
Technical Data		
General	Details	Other Notes
Equipment Name	DuPont™ Cyrel® DigiFlow 3000 ETL-n	Double side exposure frame including punch
SAP Article Number	D14710022	
Packing	Crated	
Max. nominal plate width	1,320 mm – 52 inch	
Max. nominal plate length	2,030 mm – 80 inch	
UV-A tubes wave length	360 nm – 380 nm	44 top section (main exposure) 46 bottom section (back exposure)
UV-C tubes wave length	NA	
Electrical (field configurable)	380 / 400 Volt – 50 / 60hz* 220 / 230 Volt – 50 / 60hz**	3Ph / N / PE* 3Ph / PE**
Power (nominal)	12 kW	
Current (nominal load)	23 Amp @ 400 Volt* 39 Amp @ 230 Volt**	* Connecting wires 5x 6 mm ² for 400 Volt configuration. ** Connecting wires 4x 6 mm ² for 230 Volt configuration.
Grounding	≤ 0.1 Ω	Ground bar to equipment frame and to electrical supply ground
Exhaust	NA	
Environmental Data	Temperature range 17°C to 28°C – 63°F to 82°F	Relative humidity below 55 %
Nitrogen supply	3/8" – 9,525 mm connection	Regulator to allow 4.1 bar - 60 psi
Compressed Air supply	NA	
Dimension D	2,110 mm – 83.1 inch (un-crated)	2,310 mm – 90.6 inch (crated)
W	3,300 mm – 130.0 inch (un-crated)	3,580 mm – 141.0 inch (crated)
H	2,015 mm – 79.4 inch (un-crated)	2,430 mm – 91.0 inch (crated)
Weight	1,910 kg – 4,210 lbs (un-crated)	2,410 kg – 5,313 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
 Hugentottenallee 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”

Copyright © 2011 DuPont. All rights reserved. The DuPont Oval Logo, DuPont™, The miracles of science™ and Cyrel® are registered trademarks or trademarks of E. I. du Pont de Nemours and Company or its affiliates. Printed in Europe (08/11)