

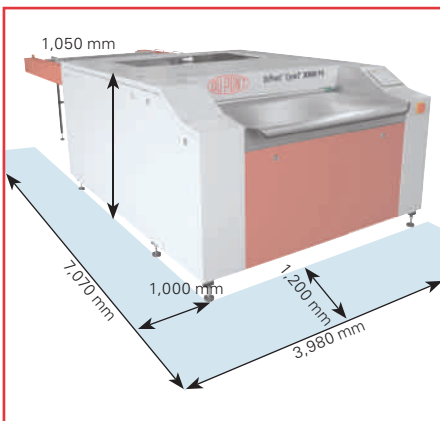
DuPont™ Cyrel® 3000 PS

STATE OF THE ART PROCESSOR

DuPont Packaging Graphics



DuPont™ Cyrel® 3000 PS



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® 3000 PS is designed on the current work horse and most reliable processor in the market the Cyrel® 3000 P. With only 0,32m² extra floor space, we achieve an increase in plate processing capacity of 25%. It is easy to install, support, maintain and operate. It is robust, extremely cost effective and reliable.

Benefits

- Increased productivity
- Minimal floor space
- Maximum plate size 1,320 x 2,250 mm
- Innovative washout process
- High dot resolution and fine line definition
- Integrated viscosimeter
- Robust and easy to support

Product Features

DuPont™ Cyrel® 3000 PS is capable of processing the highest quality photopolymer plates up to a nominal format of 1,320 x 2,250 mm (52 inch x 88 inch). The unit is easy to support and maintain, simple to operate, extremely reliable, robust and cheap to run.

High dot resolution, excellent line definition, deep reverses and clean floor are achieved to meet the highest Flexo standard irrespective of whether thick, thin, narrow or large plates are being processed.

An innovative washout process consisting of 8 flat brushes transverse to each other, and 9 contra-rotating round brushes wash out the non-polymerised parts of the plate. Cleaning takes place through contra-rotating round brushes moistened with fresh solvent, clearing the plate of washout solution.

At the exit section, the plate is pulled over a rotating plush surface and pre-dried. At the same time the relief side can air dry.

The solvent temperature is programmable between 15°C to 30°C (59°F to 86°F) to handle the different brands of solvents available to the industry. The speed at which the plates pass through can be preset to adapt to the individual plate types. The integration of fresh solvent is controlled via a viscosimeter, which is constantly monitoring the solvent saturation during the entire process. The unit is operated and controlled through a large colour touch screen panel. The computer control board may store up to 21 different wash-out plate programs.



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Technical Data		
General	Details	Other Notes
Equipment Name	DuPont™ Cyrel® 3000 PS	Incremental solvent processor
SAP Article Number	D14577947	
Packing	Crated	
Max. nominal plate width	1,320 mm – 52 inch	
Min. nominal plate width	200 mm – 7.87 inch	
Max. nominal plate length	2,250 mm – 88.5 inch	
Plate thickness	0.5 mm to 7.0 mm – 0.019 inch to 0.27 inch	
Fresh solvent tank	23 litres – 5.0 GAL – UK	
Min. solvent volume for operation	90 litres – 19.8 GAL – UK	
Max. solvent volume for operation	115 litres – 25.3 GAL – UK	
Max. tank volume	150 litres – 33.0 GAL – UK	
Electrical (field configurable)	380 / 400 Volt – 50 / 60hz* 220 / 230 Volt – 50 / 60hz**	3Ph / N / PE* 3Ph / PE**
Power (nominal)	7 kW	
Current (nominal load)	16 Amp @ 400 Volt* 25 Amp @ 230 Volt**	Connecting wires 5x 2,5 mm ²
Grounding	≤ 0.1 Ω	Ground bar to equipment frame and to electrical supply ground
Exhaust	Ø 100 mm – 3.9 inch	200 m ³ / h – 117.7 scfm (min)
Environmental Data	Temperature range 15°C to 30°C – 59°F to 86°F	Relative humidity From 40 % to 60 % non-condensing
Compressed Air supply	6 bar minimum	200 l / min – 423.8 ft ³ / hour
Dimension L	4,670 mm – 183.85 inch (un-crated)	5,300 mm – 208.6 inch (crated)
D	1,980 mm – 77.9 inch (un-crated)	2,300 mm – 90.5 inch (crated)
H	1,050 mm – 41.3 inch (un-crated)	1,600 mm – 62.0 inch (crated)
Weight	1,460 kg – 3,219 lbs (un-crated)	2,120 kg – 4,674 lbs (crated)
Colour	DuPont Grey & DuPont Red	

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



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