

DuPont™ Cyrel® 1000 P

State-of-the-Art Processor



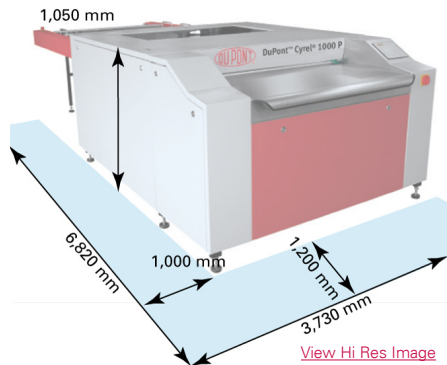
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[DuPont Packaging Graphics](#) continues to be a global technology leader in the development and supply of flexographic printing systems. Our R&D team continues to develop innovative new solutions to help our customers expand their business by taking advantage of new and profitable opportunities in the growing flexographic packaging market. The DuPont Packaging Graphics portfolio of products includes 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](#).

DuPont™ Cyrel® Systems: Higher quality at high speed.

DuPont™ Cyrel® 1000 P

The DuPont™ Cyrel® 1000 P is designed with customer needs in mind; it is easy to install, support, maintain and operate. It is robust, extremely cost effective and reliable.



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DuPont™ Cyrel® 1000 P

Benefits

- Maximum plate size 900 x 1,200 mm (36" x 48")
- Innovative washout concept
- High dot resolution and fine line definition
- Integrated viscosimeter
- Robust and easy to support
- Optimum productivity

An innovative washout concept consisting of six flat brushes transverse to each other, and 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.

Product Features

DuPont™ Cyrel® 1000 P is capable of processing high quality photopolymer plates up to a format of 900 x 1,200 mm (36" x 48"). The unit is easy to support and maintain, simple to operate, and extremely reliable robust and cheap to run.

The solvent temperature is programmable between 15°C to 30°C (59°F to 86°F) to handle 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 washout plate programs.

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.

Floor Plan



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Technical Data		
General	Details	Other Notes
Equipment Name	DuPont™ Cyrel® 1000 P	Incremental solvent processor
SAP Article Number	MH78132	
Plate Thickness	0.5 mm to 7.0 mm	0.019" to 0.27"
Max. Nominal Plate Width	900 mm (36")	
Min. Nominal Plate Width	200 mm (7.9")	
Max. Nominal Plate Length	1,200 mm (48")	
Fresh Solvent Tank	17 litres (3.7 Gal) UK	
Min. Solvent Volume for Operation	70 litres (15.4 Gal) UK	
Max. Solvent Volume for Operation	90 litres (19.8 Gal) UK	
Max. Tank Volume	115 litres (25.3 Gal) UK	
Electrical (Field Configurable)	380 / 400 Volt–50/60 hz; 220 / 230 Volt–50/60 hz	3Ph / N / PE; 3Ph / PE
Power (Nominal)	5 kW	
Current (Nominal Load)	16 Amp @ 400 Volt; 25 Amp @ 230 Volt	
Connecting Wires	400 Volt configuration; 230 Volt configuration	5 x 2.5 mm ² ; 5 x 2.5 mm ²
Grounding	≤ 0.1 Ω	Ground bar to equipment frame and to electrical supply ground
Exhaust (Light Finisher)	Ø 100 mm (3.9")	200 m ³ / h–117.7 scfm
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
Dimensions	Uncrated	Crated
L	3,700 mm (145.6")	4,450 mm (175.2")
W	1,580 mm (62.2")	2,040 mm (80.3")
H	1,050 mm (41.3")	1,580 mm (62.2")
Weight	950 kg (2,094 lbs)	1,400 kg (3,086 lbs)
Colour	DuPont Grey & DuPont Red	

For more information on DuPont™ Cyrel® or other DuPont Packaging Graphics products, please contact your local representative:

www.cyrel.com/ap

DuPont China Holding Co., LTD
Bldg 11, 399 Keyuan Road
Zhangjiang, Hi-Tech Park
Pudong New District
Shanghai 201203 China
Tel: (86) 21 3862 2888

DuPont Australia, LTD
Level 1, 600 Victoria St
Richmond, Victoria 3121, Australia
Tel: (61) 3 9935 5699

DuPont Malaysia SDN BHD
1st Floor, Bangunan Samundra
No. 1, Jalan Kontraktor
U1/14 Seksyen U1
Hicom-Glenmarie, Industrial Park
40150 Shah Alam, Selangor Darul Ehsan
Malaysia Tel: (60) 3 5569 3006

DuPont K.K. - Japan
Sanno Park Tower
11-1, Nagata-cho 2-chrome
Chiyoda-ku, Tokyo 100-6111
Tel: (81) 3 5521 8520

E.I. DuPont India Private Limited
1001-10012, 'Meadows', 10th Floor
Sahar-Plaza Complex, Andheri-Kurla Road
Andheri (East), Mumbai 400 059
Tel: (91) 22 6751 5000