

DuPont™ Cyrel® 1000 P

Processor

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.

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

Features

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 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.



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.

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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)
Color	DuPont Grey & DuPont Red	

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.



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For more information on DuPont™ Cyrel® or other DuPont products, please visit our website.

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