

DuPont™ Cyrel® 3000 PS

Solvent Processor

DuPont™ Cyrel® 3000 PS is capable of processing high quality photopolymer plates up to a format of 52" x 88" (1,320 x 2,250 mm).

Benefits

- Increased productivity
- Minimal floor space
- Maximum plate size 52" x 88" (1,320 x 2,250 mm)
- Innovative washout process
- High dot resolution and fine line definition
- Integrated viscosimeter
- Robust and easy to support

Features

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

An innovative washout process, consisting of eight flat brushes transverse to each other and nine contra-rotating round brushes, wash out the non-polymerized 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 Cyrel® 3000 PS 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	
Plate Thickness	0.019" to 0.27"	0.5 mm to 7.0 mm
Max. Nominal Plate Width	52" (1,320 mm)	
Min. Nominal Plate Width	7.87" (200 mm)	
Max. Nominal Plate Length	88.5" (2,250 mm)	
Fresh solvent tank	5.0 Gal (23 litres)	
Min. solvent volume for operation	19.8 Gal (90 litres)	
Max. solvent volume for operation	25.3 Gal (115 litres)	
Max. tank volume	33.0 Gal (150 litres)	
Electrical (Field Configurable)	380 / 400 Volt-50 / 60 hz; 220 / 230 Volt-50/ 60 hz	3Ph / N / PE; 3Ph / PE
Power (Nominal)	7 kW	
Current (Nominal Load)	16 Amp @ 400 Volt; 25 Amp @ 230 Volt	Connecting wires 5 x 2.5 mm ²
Grounding	≤ 0.1 Ω	Ground bar to equipment frame and to electrical supply ground
Exhaust	Ø 3.9" (100 mm)	
Environmental Data	Temperature range: 69°F to 104°F (20°C to 40°C)	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
D	183.85" (4,670 mm)	208.6" (5,300 mm)
W	77.9" (1,980 mm)	90.5" (2,300 mm)
H	41.3" (1,050 mm)	62.0" (1,600 mm)
Weight	3,219 lbs (1,460 kg)	4,674 lbs (2,120 kg)
Colour	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.



cyrel.com/na

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

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