

DuPont™ Cyrel® 2000 PS

Processor

DuPont™ Cyrel® 2000 PS is capable of processing high quality photopolymer plates up to a format of 42" x 78" (1,070 x 2,000 mm).

Benefits

- Maximum plate size 42" x 78" (1,070 x 2,000 mm)
- Increased productivity
- Minimal floor space
- 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 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 eight flat brushes transverse to each other, and nine 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 69°F to 104°F (20°C to 40°C) 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 color 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® 2000 PS | Incremental solvent processor |
| SAP Article Number | D14897277 | |
| Plate Thickness | 0.019" to 0.27" | 0.5 mm to 7.0 mm |
| Max. Nominal Plate Width | 42" (1,070 mm) | |
| Min. Nominal Plate Width | 7.9" (200 mm) | |
| Max. Nominal Plate Length | 78.7" (2,000 mm) | |
| Fresh solvent tank | 4.2 Gal (19 litres) | |
| Min. solvent volume for operation | 15.4 Gal (70 litres) | |
| Max. solvent volume for operation | 9.8 Gal (90 litres) | |
| Max. tank volume | 25.3 Gal (115 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 | 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 3.9" (100 mm) | 200 m ³ / h-117.7 scfm |
| 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 |
| L | 174.0" (4,420 mm) | 190.9" (4,850 mm) |
| W | 68.1" (1,730 mm) | 80.3" (2,040 mm) |
| H | 37.0" (940 mm) | 62.9" (1,600 mm) |
| Weight | 2,624 lbs (1,190 kg) | 3,836 lbs (1,740 kg) |
| 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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PDS-NA0032-EN (4/21)