

# DuPont™ Cyrel® 1000 D

Six Drawer Dryer

**DuPont™ Cyrel® 1000 D is capable of drying high quality photopolymer plates up to a format of 914 x 1,194 mm (36" x 47"). The unit is easy to install, easy to support and maintain, simple to operate, and extremely reliable.**

## Benefits

- Maximum plate size 914 x 1,194 mm (36" x 47")
- Even drying temperature
- Best plate drying uniformity
- Simple to install
- Robust and easy to support
- Optimum productivity

## Features

Each of the six drawers are configured into three modules, which can be individually controlled through the touch screen control panel. This allows the choice of drying time for each drawer and the time countdown is performed second by second. This function allows the user to set the most appropriate drying time, depending on the type and thickness of the plate being used.

Consistent drying temperatures and airflow throughout the six separate drawers of the Cyrel® 1000 D ensures plate drying uniformity, and plate dimensional stability. The operator can open a dryer drawer to visually inspect the plate and determine its status anytime during operation. Automatic control (closed loop) between the temperature setting on the PLC and the heating elements prevents overheating in the drawer.

The Cyrel® 1000 D can be installed as a stand alone unit or may be combined with a Cyrel® 1000 LF. The Cyrel® 1000 D is delivered in one piece.



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## Technical Data

| General                                | Details  | Other Notes  |
|--|--|--|
| <b>Equipment Name</b>                  | DuPont™ Cyrel® 1000 D  | Six Drawer Dryer   |
| <b>SAP Article Number</b>              | D14527491  |  |
| <b>Plate Thickness</b>                 | 0.5 mm to 7.0 mm   | 0.019" to 0.27"  |
| <b>Max. Nominal Plate Width</b>        | 914 mm (36")   |  |
| <b>Max. Nominal Plate Length</b>       | 1,194 mm (47")   |  |
| <b>Electrical (Field Configurable)</b> | 400 Volt – 50 / 60 hz (+10%–5%)<br>230 Volt – 50 / 60 hz (+10%–5%) | 3Ph / N / PE<br>3Ph / PE   |
| <b>Over Current Protection</b>         | 30 Amp   |  |
| <b>Current (Nominal Load)</b>          | 17 Amp @ 400 Volt<br>20 Amp @ 230 Volt                             |  |
| <b>Connecting Wires</b>                | 400 Volt configuration<br>230 Volt configuration                   | 5 x 6 mm <sup>2</sup><br>4 x 6 mm <sup>2</sup>                         |
| <b>Grounding</b>                       | ≤ 0.1 Ω  | Ground bar to equipment frame and to electrical supply ground          |
| <b>Noise Level</b>                     | <70 dB   |  |
| <b>Exhaust (Light Finisher)</b>        | Ø 100 mm (3.9")  | 150 m <sup>3</sup> / h–88.29 scfm to 165 m <sup>3</sup> / h–97.11 scfm |
| <b>Environmental Data</b>              | Temperature range: 15°C to 30°C (59°F to 86°F)                     | Relative humidity from 40% to 60% non-condensing                       |
| <b>Compressed Air Supply</b>           | NA   | NA   |
| <b>Dimensions</b>                      | <b>Uncrated</b>  | <b>Crated</b>  |
| <b>L</b>                               | 1,530 mm (60.2")   | 1,650 mm (64.9")   |
| <b>W</b>                               | 2,110 mm (83.0")   | 2,230 mm (87.8")   |
| <b>H</b>                               | 1,080 mm (42.5")   | 1,450 mm (57.0")   |
| <b>Weight</b>                          | 620 kg (1,360 lbs)   | 940 kg (2,072 lbs)   |
| <b>Colour</b>                          | 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.eu](http://cyrel.eu)

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

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PDS-EU0007-EN (3/21)