

DuPont™ Cyrel® 3000 Modular InLiner System

Plate Processing Through Finishing in One Linear Design

DuPont™ Cyrel® 3000 Modular InLiner is capable of processing more than 120 high quality photopolymer plates per day, 24/7.



Benefits

- Maximum plate size 1,320 x 2,030 mm (52" x 80")
- Clamshell design
- Anodised temperature controlled exposure bed
- Light integrator controlled exposure
- Outstanding vacuum draw down
- Optimum productivity

Features

The integrated system consists of four streamlined modules; a batch and incremental processor, an automatic eight drawer dryer, a combination UVA and UVC light finisher and an eight drawer stacker.

Each unit can be bought separately so the InLiner system can be built up over time. As your business grows, the system grows with it.

An integrated plate feed holder and an eight bar storage rack make plate loading easy and efficient.

The automatic "pop-up" pneumatic punch is programmable and provides simple, efficient pin bar mounting.

The large, full color touch screen is designed for operator peace of mind. It utilizes pictograms, not words, to monitor the processing steps and video cameras to monitor the plate transfer between units. Remote diagnostics are available and key component "end of life" warnings display the part number and part picture to minimize or prevent downtime.

A wide screen TV displays the plate transit between the wash out and dryer, between the dryer and light finisher and from the light finisher into the stacker. This provides real time video to the operator of machine status as well as an early warning of any plate path issues.

The Cyrel® 3000 Modular InLiner is the culmination of over 35 years designing, building and supplying machinery for the Graphics Arts Industry.

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Technical Data

General	Details	Other Notes
Equipment Name	DuPont™ Cyrel® 3000 Modular InLiner	An integrated system consisting of four streamlined modules; a batch and incremental processor, an automatic eight draw dryer, a combination UVA and UVC light finisher and an eight draw stacker.
SAP Article Number	D15272554	
Plate Thickness	1.14 mm to 7.0mm (.045" to 0.276")	
Max. Nominal Plate Width	1,320mm (52")	
Min. Nominal Plate Width	200mm (7.87")	
Max. Nominal Plate Length	2032mm (80.0")	
Min. Solvent Volume for Operation	250 liters (66 gallons US)	
Max. Solvent Volume for Operation	300 liters (79.2 gallons US)	
Max. Tank Volume	320 liters (84.5 gallons US)	
Electrical (Field Configurable)	400 Volt 50/60 Hz; 230 Volt 50/60 Hz	3Ph / N / PE; 3Ph / GND
Power (nominal)	9 kW	
Current (Nominal Load)	32 Amp @ 400 Volt 55 Amp @ 230 Volt	
Grounding	< 0.1 Ω	Ground bar to equipment frame and to electrical supply ground
Exhaust	Processor Dryer LF Stacker	1 x 140mm Ø @ 600m3/hr (21,1883ft) 1 x 140mm Ø @ 500m3/hr (17,6573ft) 2 x 140mm Ø @ 500m3/hr (17,6573ft) ea
Environmental Data	Temperature range: Optimal 18°C to 25°C (64°F to 77°F) Maximum 29°C (84°F)	Relative humidity from 25% to 65% non-condensing
Compressed Air Supply	6 bar minimum (90 psi)	1 x 6mm Ø connection, push connect
Solvent In and Out	2 x 16mm Ø	1/2" adaptors included
Dimensions Assembled (L x W x H)	Complete InLiner 1331 x 220 x 193cm (523.8 x 86.6 x 76")	
Dimensions	Uncrated	Crated
Processor (L x W x H)	407 x 220 x 115cm (160.2 x 86.6 x 45.3")	426 x 227 x 167cm (167.7 x 89.4 x 65.7")
Exit Table (L x W x H)	259 x 220 x 115cm (102 x 86.6 x 45.3")	274 x 227 x 167cm (107.8 x 89.4 x 65.7")
Dryer (L x W x H)	242 x 220 x 193cm (95.2 x 86.6 x 76")	277 x 228 x 227cm (109 x 89.7 x 89.3")
LF Stacker (L x W x H)	423 x 220 x 193cm (166.5 x 86.6 x 76")	458 x 228 x 227cm (180.3 x 89.7 x 89.3")
Weight By Section	Uncrated	Crated
Processor	1860 kg (4100 lbs)	2600 kg (5732 lbs)
Exit Table	700 kg (1543 lbs)	1140 kg (2513 lbs)
Dryer	1500 kg (3307 lbs)	2100 kg (4629 lbs)
LF Stacker	1900 kg (4188 lbs)	2900 kg (6393 lbs)
Color	DuPont Grey & DuPont Red	Stainless Top Lids

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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