

DuPont™ Cyrel® 3000 Modular InLiner System

Plate Processing Through Finishing in One Linear Design

[DuPont Packaging Graphics](#) continues to be a global technology leader in the development and supply of flexographic printing systems. Our R&D team continues to develop innovative new solutions to help our customers expand their business by taking advantage of new and profitable opportunities in the growing flexographic packaging market. The DuPont Packaging Graphics portfolio of products includes DuPont™ Cyrel® brand photopolymer plates ([analog](#) and [digital](#)), Cyrel® platemaking equipment, [Cyrel® round sleeves](#), [Cyrel® plate mounting systems](#) and the revolutionary [Cyrel® FAST thermal system](#).

DuPont™ Cyrel® Systems: Higher quality at high speed.

The DuPont™ Cyrel® 3000 Modular InLiner provides a 25% increase in platemaking productivity.



DuPont™ Cyrel® Modular InLiner System

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Benefits

- Modular - combines processor, dryer, light finisher and stacker in a streamlined, linear design
- High productivity- more than 120 plates per day
- Durable- a well-engineered machine that includes a pre-wash station to washout the digital layer
- Remote diagnostics- on-line preventative maintenance reduces or prevents downtime
- Touch screen- intuitive, pictogram based operation
- Video monitoring of all plate transfer steps

Product Features

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



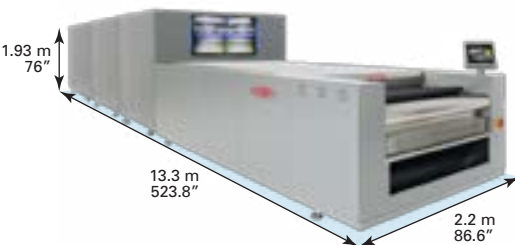
An integrated plate feed holder and an eight bar storage rack make plate loading easy and efficient.



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.



Floor Plan



Play Video

[Click for animated demonstration of Modular InLiner features.](#)

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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.

For more information on DuPont™ Cyrel® or other DuPont Packaging Graphics products, please contact your local representative:

United States

DuPont Packaging Graphics
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974 Centre Road
Wilmington, DE 19805
800-345-9999

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1919 Minnesota Court
Mississauga, ON L5N 0C9
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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	Crated Processor (L x W x H) 426 x 227 x 167cm (167.7 x 89.4 x 65.7") Exit Table (L x W x H) 274 x 227 x 167cm (107.8 x 89.4 x 65.7") Dryer (L x W x H) 277 x 228 x 227cm (109 x 89.7 x 89.3") LF Stacker (L x W x H) 458 x 228 x 227cm (180.3 x 89.7 x 89.3")	Uncrated 407 x 220 x 115cm (160.2 x 86.6 x 45.3") 259 x 220 x 115cm (102 x 86.6 x 45.3") 242 x 220 x 193cm (95.2 x 86.6 x 76") 423 x 220 x 193cm (166.5 x 86.6 x 76")
Weight Assembled	5960 kg (13,139.5 lbs)	
Weight By Section	Crated Processor 2600 kg (5732 lbs) Exit Table 1140 kg (2513 lbs) Dryer 2100 kg (4629 lbs) LF Stacker 2900 kg (6393 lbs)	Uncrated 1860 kg (4100 lbs) 700 kg (1543 lbs) 1500 kg (3307 lbs) 1900 kg (4188 lbs)
Color	DuPont Grey & DuPont Red	Stainless Top Lids