

DuPont™ Cyrel® FAST 1001 TD

Thermal Flexographic Plate Processor



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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.

For narrow web printers who need a more efficient solvent-free processor, the new Cyrel® FAST 1001 TD is a small format thermal platemaking system that is re-designed and streamlined for improved dimensional stability and efficiency. The Cyrel® 1001 TD uses a unique thermal management system and a multiple roller design to deliver consistent clean-out, relief depth and uniform floor, especially with the thin (.045") plates commonly used for tag and label applications.



Floor Plan

Benefits

- Maximum plate size 36" x 48" (900 x 1,200 mm)
- Extremely rapid access time
- Redesigned and streamlined for improved thermal management, dimensional stability and efficiency.
- New 25" narrow web kit- minimizes nonwoven waste and cost by up to 33%
- Sleeker ergonomic design- with integrated control panel and an extended support tray to prevent plate drag and contamination.

Product Features

DuPont™ Cyrel® FAST 1001 TD is a plate making system that uses dry, thermal technology to process high quality photopolymer plates, thus eliminating all solvents and aqueous solutions from the plate room.

The Cyrel® FAST 1001 TD allows the production of Cyrel® FAST finished plates of up to a format of 36" x 48" (900 x 1,200 mm) in less than one hour, including the imaging and exposing steps, making it the ideal just-in-time plate making system for the market.

The 1001 TD has a redesigned heating roll designed to provide uniform heating across the plate. This optimized thermal management results in improved thin gauge plate clean-out, more consistent relief depth and a more uniform floor.

Additional laydown rollers maximize contact between the plate and the heater drum. This improved contact uniformity provides better plate dimensional stability and nearly eliminates scuff marks.

The new digital modem- allows remote troubleshooting and diagnostics 24/7 and software upgrades to be automatically uploaded. Software upgrades optimize thermal profiles for multiple plate types.



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The Cyrel® FAST 1001 TD delivers outstanding plate quality and uniformity. This processor has the ability to produce a finished plate without solvent washout. The wide format Cyrel® 1000 ECLF for exposing the light-finishing plates is available to complement the Cyrel® FAST 1001 TD as an all-round system solution. As with all elements of the Cyrel® FAST system, it is environmentally friendly with no solvents to handle, store or recycle and no drying equipment is required.

Cyrel® FAST system technology enhances the production of high quality plates quickly, by combining the efficiency and speed of digital plate imaging with the productivity and environmental benefits of dry, thermal plate processing.

Technical Data		
General	Details	Other Notes
Equipment Name	DuPont™ Cyrel® FAST 1001 TD	Thermal developer (water cooled drum)
SAP Article Number	MH59383	
Max. Nominal Plate Width	36" (914 mm)	
Min. Nominal Plate Width	10" (254 mm)	
Max. Nominal Plate Length	48" (1,219 mm)	
Max. Plate Thickness	0.045" to 0.112"	1.14 mm to 2.84 mm
Electrical (Field Configurable)	220 / 240 Volt – 50 / 60 hz	1PH / PE
Power (Nominal)	7.1 kW	
Current (Nominal Load)	32 Amp @ 230 Volt	
Connecting Wires	230 Volt configuration	3 x 6 mm ²
Grounding	≤ 0.1 Ω	Ground bar to equipment frame and to electrical supply ground
Exhaust	Ø 5.0" (127 mm)	213 m ³ / h (min)
Environmental Data	Temperature range: 65°F to 80°F (18°C to 27°C)	Relative humidity from 40% to 60% non-condensing
Compressed Air Supply	6.9 bar min	100 psi min
Dimensions	Uncrated	Crated
W	66.04" (1,677.42 mm)	80" (2,032 mm)
D	73.33" (1862.58 mm)	87" (2,210 mm)
H	45.32" (1,151.13 mm)	65" (1,651 mm)
Weight	1,920 lbs (871 kg)	2,980 lbs (1,350 kg)
Color	DuPont Grey & DuPont Red	

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

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