

DuPont™ Cyrel® FAST 2000 TD

Thermal Solvent-Free Flexographic Plate Processor

With nearly two decades of FAST technology, the DuPont™ Cyrel® FAST 2000 TD is designed with customer needs in mind; it is easy to install, support, maintain and operate. It is robust, extremely cost effective and reliable. The Cyrel® FAST 2000 TD system uses dry, thermal technology to process high quality Cyrel® photopolymer plates, eliminating the need for solvent.



Benefits

- Plates size 42" x 60" or 36" x 48" (1,067 x 1,524 mm or 900 x 1,200 mm) with suitable developer roll DR 44 or DR 37
- Production of Cyrel® FAST finished press-ready plates in less than 20 minutes
- Solvent free
- Catalytic cleaning of the process vapors
- State-of-the art HMI technology allows for modern intuitive operations
- Possibility of remote service and application support via Internet connection
- PET protected heated roller provides consistent platemaking
- Simple and fast exchange of consumables

Product Features

DuPont™ Cyrel® FAST 2000 TD is a plate making system that uses dry, thermal technology to process high quality photo polymer plates, thus eliminating all solvents and aqueous solutions from the plate room. This process does not require the time consuming drying step of other workflows.

The Cyrel® FAST 2000 TD allows the production of Cyrel® FAST finished plates up to a maximum format of 1,067 x 1,524 mm (42" x 60") in less than one hour, including the imaging and exposing steps, making it the ideal just-in-time flexo plate solution.

The Cyrel® FAST 2000 TD delivers outstanding plate quality and uniformity. This processor has the ability to produce a finished plate without solvent washout. The Cyrel® 2000 EC or Cyrel® 2000 ECLF for exposing and light-finishing plates is available to complement the Cyrel® FAST 2000 TD system solution. As with all elements for the Cyrel® FAST system, it is environmentally friendly with no solvents to handle, store or recycle and no drying equipment is required.

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The Cyrel® FAST technology enables the production of high quality plates by combining the efficiency and speed of digital imaging with the environmental benefits of thermal plate processing.

DuPont thermal plates are designed to meet the needs of high quality flexographic printers with fine tone, line-work and solids.

Technical Data

General	Details	Other notes
Equipment Name	DuPont™ Cyrel® FAST 2000 TD	Thermal Developer
SAP Article Number	D15519233	
Plate Thickness	1.14 mm to 2.84 mm	0.045" to 0.112"
Plate Width:		
Max. Nominal	1,067 mm	42"
Min. Nominal	600 mm	23.6"
Plate Length:		
Max. Nominal	1,524 mm	60"
Min. Nominal	450 mm	17.7"
Electrical Configuration:		
Europe	400 VAC; 50/60 Hz	3W + N + PE
USA	230 VAC; 50/60 Hz	3W + PE
Power (Nominal)–Processor	7.6 kW	
Electrical Configuration–Chiller		
Europe	220-240V/50Hz	1W + N + PE
Power (Nominal)–Chiller	1.9 kW	
Current (Nominal Load)	30 Amp per phase	48 Amp per phase
Current (Nominal Load)–Chiller	1 x 16 Amp	
Connecting Wires–Processor	Min 5 x 4 mm², type H07RN-F,	For cable strain relief dia. 15-21 mm
Grounding	< 0.1 Ω	Ground bar to equipment frame and to electrical supply ground
Network Connection	Rj45 internet connection	
Exhaust	Ø 160 mm (6.3")	360 m³/h (minimum)
Environmental Data	Temperature range: 18°C to 27°C (65°F to 80°F)	Relative humidity from 20% to 80% non-condensing
Compressed Air Supply	7 – 8 bar, 300 l/min ISO 8573-1 class 4-5	101.5–116 PSI, 10.6 cfm
Dimensions:	Uncrated:	Crated:
D	1,752 mm (68.9")	1,980 mm (78.0")
W	2,188 mm (86.1")	2,980 mm (117.3")
H	1,228 mm (48.3") max.	1,690 mm (66.5")
H (open)	max. 2,000 mm (78.7")	
Weight	2,600 kg (5,720 lbs)	Crated: 3,080 kg (6,776 lbs)
Colour	DuPont Grey & DuPont Red	



cyrel.eu

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

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