

DuPont™ Cyrel® FAST 1000 TD

THE WORLD'S FIRST SOLVENT-FREE, FLEXOGRAPHIC PLATE PROCESSOR.

DuPont Packaging Graphics

To help our customers gain competitive advantage in the global packaging graphics value chain.

DuPont Packaging Graphics continues to be a global technology leader in supplying flexographic printing systems. Our scientists continue to develop unique solutions based on new technologies to help our customers expand their business by taking advantage of new profitable packaging printing opportunities. DuPont Packaging Graphics portfolio of products includes Cyrel® brand photopolymer plates (analog and digital), Cyrel® platemaking equipment, Cyrel® round sleeves, Cyrel® plate mounting systems and the revolutionary Cyrel® FAST thermal system.

Cyrel® FAST plates in one hour or less! The Cyrel® FAST system is a revolutionary technology that offers enhanced pressroom productivity.

The Cyrel® FAST 1000TD is a platemaking system that uses dry, thermal technology to process high-quality flexo plates – eliminating all solvents and aqueous solutions from the plateroom.

The Cyrel® FAST 1000TD allows the production of Cyrel® FAST finished plates of up to 35.4 inch by 47.2 inch (900 mm by 1200 mm) in less than one hour, making it the ideal just-in-time platemaking system for a market that demands quick turnaround at the highest possible quality.



DuPont™ Cyrel® FAST 1000TD

The Cyrel® FAST 1000TD delivers outstanding plate quality and uniformity. This processor has the ability to produce a finished plate without solvent wash-out. The wide format Cyrel® 1000 EC/LF for exposing and light-finishing plates is available to complement the Cyrel® FAST 1000TD.

As with all elements of the Cyrel® FAST system, it is environmentally friendly with no solvents to handle, store or recycle. In addition, the new design saves space and requires no expensive plateroom construction.

The technology enhances the production of high-quality flexo plates quickly, by combining the efficiency and speed of digital plate imaging with the productivity and environmental benefits of dry, thermal plate processing.

DuPont™ Cyrel® DFM and Cyrel® DFH are the digital plates for DuPont's thermal

platemaking process, designed to meet the needs of high quality flexo with fine halftone, linework and solids.

Applications

- Flexible packaging
- Tag & Label
- Envelopes
- Carrier bags
- Folding cartons
- Beverage cartons

Cyrel® FAST Performance Benefits

- Extremely rapid access time
- Excellent ink transfer permits superior printing uniformity
- Higher durability for long print runs
- High exposure resolution results in better quality reproduction
- Image relief is clean and sharp
- Exceptional thickness uniformity
- High resistance to ozone and white light results in excellent storage capability



The miracles of science™

DuPont Packaging Graphics

“Advancing Flexography”

General	Details	Other notes
Equipment Name	DuPont™ Cyrel® FAST 1000 TD	Thermal developer (water cooled)
SAP Article Number	MH59383	Chiller included
Packing	Crate	
Max. nominal plate width	35.4 inch – 900 mm	Tested up to 36.2 inch – 920 mm
Min. nominal plate width	10 inch – 254 mm	Tested up to 7.8 inch – 200 mm
Max. nominal plate length	47.2 inch – 1,200 mm	Tested up to 62.9 inch – 1,600 mm
Max. plate thickness	2.84 mm	
Telephone connection	RJ11 phone jack	Modem included
Electrical	208-240 Volt, 50-60 Hz	Single phase and ground
Power (nominal)	5.1 Kw	Connection wires 3 x 6 mm ²
Current (nominal load)	31.5 Amp Single Phase	Thermal magnetic circuit breaker has to be at least a 32 Amp rating
Grounding	≤ 0.1 Ω	Ground bar to equipment frame and to electrical supply ground
Compressed air	100 psi (6.9 bar) at less than 4 cfm (112 litres/min) moisture free	Via DIN, ½" hose connection
Exhaust	5 inch – 127mm (Connection)	125 cfm (213 m ³ /hr) @ -1.25" h/2o
Environmental Data	Temperature range 65° to 85° F – 8.3° C to 29.4° C	Relative humidity From 20% to 80% non-condensing
Dimension L x W x H	69 inch x 62 inch x 40 inch 1,750 mm x 1,570 mm x 1,020 mm	
Net weight	1,920 lb – 871 Kg	
Dimension L x W x H (W/crate)	80 inch x 74 inch x 64 inch 2,030 mm x 1,880 mm x 1,630 mm	
Weight w/crate	2,980 lb – 1,350 Kg -	
Colour	Grey and Red	DuPont grey and DuPont red

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