



Cyrel[®] Microflex 1320mm Plate Mounter

Technical Data Sheet

The Cyrel[®] Microflex 1320mm allows highly productive, very exact, direct mounting of flexographic printing plates onto cylinders or sleeves with the aid of computer-controlled cameras.

This high performance mounter can mount Cyrel[®] photopolymer onto cylinders or sleeves up to a maximum size of 52 inches wide (1320mm) and repeats up to 39.9 inches (1016mm). The unit features computer-controlled cameras with a magnification of 40X.



A significant improvement in printing quality and register precision is achieved through a combination of precision components, the latest computer technology and sturdy construction. No computer expertise is required to operate the unit panel, and only one tool is needed to work with the Microflex 1320mm mounter.

Additionally, options are available for accurate proofing and sleeve loading/unloading. The system offers the opportunity for a substantial improvement in mounting productivity, printing quality and registration accuracy.

Additional Features & Benefits:

- Two cameras automatically driven by stepper motors for highly accurate mounting locations.
- Industrial PLC computer with graphical display of machine and functions for "user-friendly" operation.
- Two-part split mounting table aligns to optimum height above cylinder for mounting.
- Camera locating precision within +/- 0.1 mm.
- Maintenance-friendly covers open easily and quickly for access to internal components.
- New control panel with small hard drive and floppy drive for job storing. Additional storage is possible (1.44 MB) with the disk drive.
- New software allows for all information to be input in either metric or inch.

The Microflex 1320mm is delivered in one piece, and a standard configuration includes the following:

- Full technical documentation, CE Certification
- Two cameras and monitors driven by step motors
- Electronic reference head for cylinder movement
- PLC operating panel with diskette drive and hard disk (20 Mbyte)
- Two-part, manually operated mounting table.

Optional/Extra:

- Electronic (gearless) proofing system
- Sleeve loading/unloading mechanism (mechanical sleeve lift)
- Semi-Automatic Sleeve Lift
- Manual tape application system
- Air Management System

IMPORTANT:

It is essential to obtain the drawings of the cylinders to be used with the system at the time of order placement.

DuPont[™] Cyrel[®]

For more information call:

DuPont USA (1-800-345-9999)

DuPont Canada (905-821-5042)

Technical Data

<i>General</i>	<i>Details</i>	<i>Other notes</i>
Equipment Name	Cyrel® Microflex 1320mm	Wide Web Presses
Stock Number	MH51366	
Maximum printing width	1320mm (52 inches)	
Repeat Length	280mm (11 inches) – 1016mm (39.9inches)	
Packing	Pallet	Crate available as an option
Electrical	230 Volt +/- 10%- 50/60 Hz	Single phase
Power (nominal)	5.2 Amp	
Starting Current (nominal)	Max 300A in 50msec	
Compressed Air		Needed for sleeve system operation.
Grounding	$\leq 0.1 \Omega$	ground bar to equipment frame and to electrical supply ground
Environmental Data		
Dimension Length (Uncrated) Width Height	3600mm(141.7 inches) 1600mm (62.9 inches) 2200mm(86.6 inches)	
Weight without Proof print	2130 kg (4,695 lbs.)	W/crate: 2380 kg (5,246 lbs.)
Weight w/proof print option	2230 kg (4,920 lbs.)	W/crate: 2480 kg (5,467 lbs.)
Color	Grey	