



Cyrel[®] Microflex 1700mm Plate Mounter

Technical Data Sheet

The Cyrel[®] Microflex 1700mm 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 plates onto cylinders or sleeves up to a maximum size of 66.9 inches wide (1700mm) 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 now 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 operate with the Microflex 1700mm 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.

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 with the disk drive possible (1.44 MB).
- New software allows for all information to be input in either metric or inches.

The Microflex 1700mm 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

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 1700mm	Wide Web Presses
Stock Number	MH51390	
Maximum printing width	1700mm (66.9 inches)	
Repeat Length	280mm (11 inches) – 1016mm (39.9 inches)	
Packing	Pallet	Crate available as an option
Electrical	230 Volt +/- 10%- 50/60 Hz	Single phase
Power (nominal)		
Current (nominal)	5.2 Amp	
Compressed Air		Needed for sleeve system operation.
Grounding	≤ 0.1 Ω	ground bar to equipment frame and to electrical supply ground
Environmental Data		
Dimension (Uncrated)	Depth 910mm (35.8 inches) Width 2930mm (115.3 inches) Height 1690mm (66.5 inches)	
Net weight (uncrated)	1380 kg (3,042 lbs.)	
Net weight w/proof print option	2230 kg (4,916 lbs.)	
Dimension (Uncrated)	Length 3600mm(141.7 inches) Width 1600mm (62.9 inches) Height 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	