

SOLID 90E *flash* MICROPLEX

2-up Express
for Mailing
and Industrial Use

- **90 PAGES/MINUTE WITH A RESOLUTION OF 600 DPI**
- **18 INCH FORM WIDTH**
- **MICROPLEX HIGH-END CONTROLLER**
Providing special functions like
 - internal form management
 - n-times format splitting
 - SPS-Control
- **BARCODE-GENERATION**
On-the-fly in the printer
- **FULL COMPATIBILITY**
By many emulations
- **INTERFACES**
Ethernet, IEEE 1284 (Centronics)
and serial (RS 232/RS 422)
- **100% PRINT CONTROL**
The Status-Out function gives notice
of each correctly printed page
via interface



600 dpi
90 pages/minute
17" print width

MICROPLEX Printware AG

Panzerstraße 5
D-26316 Varel

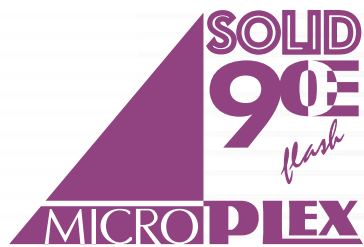
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MICROPLEX® Printware AG



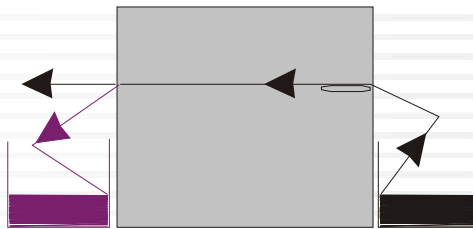
SPECIFICATIONS

Unlike conventional heat fusion laser printers the 90E employs a Xenon flash lamp to provide cold fusion of the toner to the printed material. This means that the 90E can print on a wide range of heat sensitive materials including plastic cards, PE materials and aluminium foil. With a print speed of 90 (A4) or 45 (A3) pages/minute at 600dpi and a duty cycle of up to 560.000 pages per month, the 90E is perfect for high volume variable data applications including mailshots, labels, tickets and tags.

Technical Specifications

Print technology	LED, OPC cold fusing by Xenon flash lamp
Print speed	up to 45 / 90 pages/min (A3 / A4 2-up) 12,6 m/min
Resolution	max. 600 dpi x 600 dpi
Monthly print volume	recommended <400.000 pages (A4 2-up) (based on a using period of 60 months) max. 560.000 pages (A4 2-up)
Power supply	230V / 50 Hz (5,0 kW)
Acoustic noise (stand-by)	<62 (<50) dB (A)
Dimensions (WxDxH in mm)	1290 x 840 x 1210
Environment	rel. h. 30 - 80 % temp. 10 - 30°C
Media	form length 7" - 20" form width 7" - 18" printable width 17" weight 60 - 204 g/m ²
Input	Push tractor
Output	Option <i>stacker</i> for 2.000 sheets

Straight Paper Path



Controller

Controller	MPC 3.2 (>1 GHz-processor)
Interfaces	Serial RS232 Parallel IEEE 1284 LAN Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)
Memory	RAM 64 MB HDD 40 GB
Emulations	MICROPLEX IDOL IBM Proprinter HP PCL 5e Diablo 630 Epson FX-80 TIFF μ -Postscript
Optional Emulations	Printronix IGP <i>Magnum Code V</i> PGL, EPL <i>Kyocera Prescribe</i> Datamax, ZPLII <i>Express</i> (more emulations on request)
Barcodes	EAN 8, 13, Jetcaps (HP/SAP) 128, add on Code 39 2/5 3-stroke Datalogic 128 MSI 2/5 3-stroke Matrix UPC A, E Codebar, PDF 417 Postnet, KIX
Optional Barcodes	USD5 <i>UPS-Maxicode</i> Datamatrix (more barcodes on request)
Functions	Internal barcode generation on-the-fly in the printer Intelligent form management Up to 12 MB flash for forms and fonts inside the printer Format splitting in several subformats by command
Optional Functions	Status out gives notice of each correctly printed page via interface SPS - Control Integration of the printer into the production line, controlled by SPS-interface.

The Cold Fuser Family



60
pages/minute

300
dpi

6,5" - 16"
form width



90
pages/minute
2up mode

600
dpi

7"-18"
form width



142
pages/minute
2up mode

600
dpi

7"-18"
form width



Authorized MICROPLEX Partner:



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