

# 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

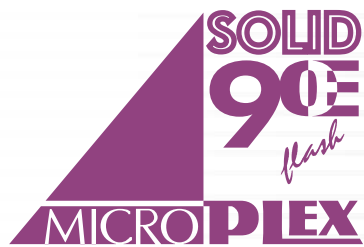
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MICROPLEX® Printware AG



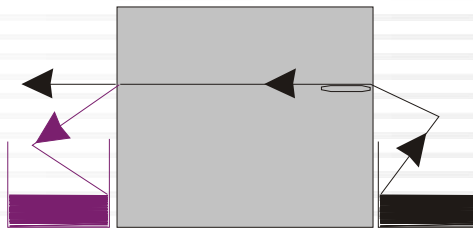
# SPECIFICATIONS

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

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

Straight Paper Path



## Controller

<b>Controller</b>	MPC 3.2 (>1 GHz-processor)
<b>Interfaces</b>	Serial RS232 Parallel IEEE 1284 LAN Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)
<b>Memory</b>	RAM 64 MB HDD 40 GB
<b>Emulations</b>	MICROPLEX IDOL IBM Proprinter HP PCL 5e Diablo 630 Epson FX-80 TIFF $\mu$ -Postscript
<b>Optional Emulations</b>	Printronix IGP Magnum Code V PGL, EPL Kyocera Prescribe Datamax, ZPLII Express (more emulations on request)
<b>Barcodes</b>	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
<b>Optional Barcodes</b>	USD5 UPS-Maxicode Datamatrix (more barcodes on request)
<b>Functions</b>	<b>Internal barcode generation</b> on-the-fly in the printer <b>Intelligent form management</b> Up to 12 MB flash for forms and fonts inside the printer <b>Format splitting</b> in several subformats by command
<b>Optional Functions</b>	<b>Status out</b> gives notice of each correctly printed page via interface <b>SPS - Control</b> 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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