

# SOLID

# 50<sup>A3</sup>-3

# MICROPLEX<sup>®</sup>

## Highest performance for business and logistics



HIGH-END PRINT CONTROLLER

**MPC**  
inside  
**5.X**  
FUNCTIONS  
EMULATIONS  
SPEED

barcodes  
**1/2D**  
"on-the-fly"

emulation  
**IGP**

function  
integrated  
**FORM**  
management

emulation  
**PCL**<sub>5e</sub>

ready for...  
**PRINT**  
**PLEX**  
printmanagement  
software

function  
**SPS**  
**CONTROL**

emulation  
**MAGNUM**  
**CODE V**

ready for...  
LAN-admin.  
**IP-**  
**ADMIN**

function  
**status out**  
**PAGE**  
**CONTROL**

emulation  
**ZPL**<sup>II</sup>

ready for...  
**SAFE**  
**PRINT**  
safe clustering and  
printout supervision

control  
LAN-admin.  
**IP-**  
**PANEL**

emulation  
**KODE**  
**SCRIPT**

600 dpi  
50 pages/minute (A4)  
A6-A3 print width

more than  
**30**  
emulations

### Applications

- on-demand publications
- just-in-time printing (3 sec. for first page)
- business and workflow papers

### JUST-IN-TIME PRINTING

Record-breaking 3 seconds to the first printout

### HIGH-SPEED DUPLEX

Duplex printing with full speed

### BARCODE GENERATION

Intelligent barcode generation "on-the-fly" in the printer

### MULTIFUNCTIONAL PAPER HANDLING

Flexible upgrading options of paper feeding and stacker

### 100% PRINT CONTROL

Status-out page-control gives notice of each correctly printed page via interface

### CLUSTERING WITH safePRINT

Integrable into the safePRINT system for buildup of page-by-page controlled printer cluster with backup function

## www.microplex.de

**MICROPLEX**  
Printware AG

Panzerstraße 5  
D-26316 Varel

Tel. +49.4451.9137.0  
Fax +49.4451.81063

Email [info@microplex.de](mailto:info@microplex.de)



PRINTERS



SOFTWARE



AUTOID

# MICROPLEX<sup>®</sup>



With its extremely fast first page the SOLID 50A3-3 is the ideal printer for just-in-time applications. The printer combines a maximum of reliability with wide-ranging paper handling options. The face-up stacker and the SPS-control option provide optimal qualifications for the integration into production lines. The printer is suited for the integration into the MICROPLEX safePRINT system and thus for the buildup of printer clusters with backup-function and page-by-page-control of the printout.

# SPECIFICATIONS

## Print Engine

<b>Print technology</b>	Laser, OPC heat/pressure fixing
<b>Controller</b>	MPC 5.2 with Intel XScale PXA 255 (400 MHz RISC processor)
<b>Print speed</b>	up to 50 pages/minute (A4)
<b>First page</b>	< 3 s
<b>Resolution</b>	max. 600 dpi x 600 dpi
<b>Monthly print volume</b>	recommended up to 50.000 pages (A4) (based on a using period of 60 months) max. 250.000 pages (A4)
<b>Power supply</b>	220-240 V/50/60 Hz/8 A
<b>Dimensions</b>	902 x 559 x 483 (WxDxH in mm)
<b>Environment</b>	rel. h. 20 - 80 % temp. 10 - 32°C
<b>Interfaces</b>	Serial: USB, RS232, RS422 Parallel: IEEE 1284 LAN: Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)
<b>Memory</b>	RAM: 64 MB Flash: 16 MB

## MPC 5.x High-End Print Controller

<b>Emulations</b>	MICROPLEX IDOL HP PCL 5e Epson FX-80	IBM Proprinter Diablo 630 $\mu$ -Postscript TIFF
<b>Optional Emulations</b>	Printronix IGP PGL, ZPLII Datamax, EPL	Magnum Code V Kyocera Prescribe Express IPDS <i>(more emulations on request)</i>
<b>Barcodes</b>	EAN 8, 13, 128, add on 2/5 3-stroke Datalogic 2/5 3-stroke Matrix Codabar, PDF 417 Royalbar, Planet	Jetcaps (HP/SAP) Code 39 128 MSI UPC A, E Postnet, KIX USPS One Code UPS5 UPS-Maxicode Datamatrix <i>(more barcodes on request)</i>
<b>Optional Barcodes</b>	Aztec-Code	
<b>Functions</b>	Intelligent barcode generation on-the-fly in the printer	
	<b>Format splitting</b> in several subformats by command	
	Integrated form management up to 12 MB flash for forms and fonts inside the printer	
<b>Optional Functions</b>	<b>Status-out</b> gives notice of each correctly printed page via interface	
	<b>SPS-control</b> <i>integration of the printer into production lines is possible, controlled by SPS-interface.</i>	

## Feeder/Stacker

<b>Output</b>	500 sheets, face down duplex unit <i>optional 100 sheets, face up</i> 3.500 sheets finisher/stacker with stapler+puncher, (50 sheets per batch)
<b>Input</b>	Cassette 1+2, 500 sheets (A5 to A3) manual input, 100 sheets (A6 to A3) <i>optional Cassette 3+4, 500 sheets (A5 to A3) or Cassette 3, 1.200 sheets (A4) Cassette 4, 800 sheets (A4) 2.000 sheets feeder</i>

## Media

<b>Size</b>	A5, A4, A3 and A6 via manual input
<b>Weight</b>	64-163 g/m <sup>2</sup> duplex printing: 60-120 g/m <sup>2</sup>

## Further Products

### Cut-sheet laser printers

 <p><b>LogiJET 40</b> Laser 40 pages/minute 600 dpi 4,0 Seconds to the first page</p>	 <p><b>SOLID 40</b> Laser 40 pages/minute 600 dpi 4,0 Seconds to the first page</p>	 <p><b>SOLID 85A3</b> Laser 85 pages/minute 600 dpi 4,0 Seconds to the first page</p>
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**MICROPLEX**