

# SOLID 85<sub>A3</sub>

## MICROPLEX®



HIGH-END PRINT-CONTROLLER

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

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

emulation  
**IGP**

function integrated  
**FORM**  
management

emulation  
**PCL** 5e

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** II

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

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

emulation  
**KODE**  
**SCRIPT**

more than  
**30**  
emulations

600 dpi  
85 pages/minute (A4)  
**A5R-A3W** print width

[www.microplex.de](http://www.microplex.de)

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### Applications

- ... Integration into production lines
- ... A3 label printing (e.g. in papermills)
- ... Business and workflow documents

### JUST-IN-TIME PRINTING

4 seconds to the first printout

### HIGH-SPEED DUPLEX

A4 duplex printing with full speed

### FLEXIBLE PAPER OUTPUT

Configurable paper output face-up/face-down

### BARCODE GENERATION

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

### MULTIFUNCTIONAL PAPER HANDLING

Flexible upgrading options for paper feeding and finisher

### 100% PRINT CONTROL

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

## MICROPLEX®

**SOLID  
85<sub>A3</sub>**

**MICROPLEX®**

The face-up paper output and the SPS-control option let the SOLID 85 A3 be best prepared for the integration into production lines. The extremely long maintenance intervals minimize production downtimes. Even the toner can be replenished without interrupting the print job.

# SPECIFICATIONS

## Print Engine

<b>Print technology</b>	Laser, OPC heat/pressure fixing	
<b>Controller</b>	MPC 3.x (>1GHz Prozessor)	
<b>Print speed</b>	up to 85 pages/minute (A4) up to 48 pages/minute (A3)	
<b>First page</b>	4 s	
<b>Resolution</b>	max. 600 dpi x 600 dpi	
<b>Monthly print volume</b>	recommended	200.000 pages (A4) (based on a using period of 60 months)
	max.	500.000 pages (A4)
<b>Power supply</b>	220-240 V / 8 A	
<b>Dimensions</b>	(without options)	970 x 771 x 1.518 (WxDxH in mm)
<b>Weight</b>	300 kg	
<b>Environment</b>	rel. h.	n/a %
	temp.	n/a °C
<b>Interfaces</b>	Serial	USB 2.0
	Parallel	IEEE 1284
	LAN	Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)
<b>Memory</b>	RAM	min. 512 MB (64 MB)
	Flash	64 MB

## MPC 3.x High-End Print-Controller

<b>Emulations</b>	MICROPLEX IDOL HP PCL 5e Epson FX-80	IBM Proprinter Diablo 630 μ-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
<b>Optional Barcodes</b>	USD5 Aztec-Code	UPS-Maxicode Datamatrix <i>(more barcodes on request)</i>
<b>Functions</b>	Intelligent barcode generation "on-the-fly" in the printer  Format splitting in several subformats by command  Integrated form management up to 50 MB flash for forms and fonts inside the printer	
<b>Options</b>	Status-Out <i>gives notice of each correctly printed page via interface</i>  SPS-control <i>integration of the printer into production lines is possible, controlled by SPS-interface</i>	

## Media

<b>Size</b>	A5R - A3W
<b>Weight</b>	60 - 205 g/m <sup>2</sup> max. 300 g/m <sup>2</sup> <i>(options are required)</i>

## Feeder/Finisher

<b>Input</b>	Cassette 1+2: 1.200 + 800 sheets (A4/Letter) Cassette 3+4: 2 x 500 sheets (A5R to A3W)
<b>optional</b>	<i>manual inputs: 100 sheets up to 300 g/m<sup>2</sup> (A5R to A3W) (necessary for 3.500 and 3.000 feeder) 500 sheets up to 205 g/m<sup>2</sup> (A5R to A3W) (optional for 4.550 and 4.000 feeder)</i>
<b>feeder:</b>	3.500 sheets up to 205 g/m <sup>2</sup> (A4) 3.000 sheets up to 205 g/m <sup>2</sup> (A3) 4.550 sheets up to 205 g/m <sup>2</sup> (3 trays A4) 4.000 sheets up to 300 g/m <sup>2</sup> (3 trays A3-B5)
<b>Output</b>	<b>optional</b> Finisher (A5R to A3W): tray 1: 500 sheets tray 2: max. 3.000 sheets stapling function with 4 different locations, stapling capacity: 100 sheets

## Further Products

### Cut-sheet laser printers

**SOLID 40** Laser  
MICROPLEX® 40 pages/minute  
600 dpi  
4 seconds to the first page



**SOLID 45.2** Laser  
MICROPLEX® 45 pages/minute  
600 dpi  
6,5 seconds to the first page



**SOLID 50.3** Laser  
MICROPLEX® 50 pages/minute  
600 dpi  
3,0 seconds to the first page



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