

# SOLID 40

## MICROPLEX®

Complete solution for  
workgroup and logistics



#### Applications

- ... business papers
- ... barcode labels
- ... workflow papers

#### ■ FLEXIBLE IN FORMAT AND MATERIAL

Applicability even for heavy papers and formats from A6 up to A4 excess lengths

#### ■ JUST-IN-TIME PRINTING

Record-breaking 4 seconds to the first printout possible

#### ■ BARCODE GENERATION

Intelligent barcode generation "on the fly" in the printer

#### ■ HIGH-QUALITY EQUIPMENT

Ethernet and USB already included in the basic version; many paper options available

#### 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** 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**

ready for...

**SAFE**  
**PRINT**  
safe clustering and  
printout supervision

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

emulation  
**KODE**  
**SCRIPT**

600 dpi

40 pages/minute

A6-A4 print width

more than

**30**

emulations

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

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# MICROPLEX®

# SOLID 40 MICROPLEX®

The SOLID 40 with its complete equipment in hard- and firmware is ideally suited for all applications in the industrial environment and as workgroup output device in the office environment. The barcode generator which is otherwise only available with thermal printers is an optimal tool for the fabrication of low-priced labels and tags. An Ethernet- and a USB-interface are already contained in the standard device. 1.100 sheets in three cassettes make the SOLID 40 optimally equipped in terms of paper feeding.

## Print Engine

<b>Print technology</b>	Laser, OPC heat/pressure fixing
<b>Controller</b>	MPC 5.0 with Intel XScale PXA 255 (400 MHz-RISC processor)
<b>Print speed</b>	up to 40 pages/minute
<b>First page</b>	4 to 7,5 s
<b>Resolution</b>	max. 600 dpi x 600 dpi
<b>Monthly print volume</b>	recommended up to 30.000 pages (based on a using period of 60 months) max. 150.000 pages
<b>Power supply</b>	230V / 50Hz (0,9 kW)
<b>Dimensions</b>	422 x 465 x 404 (WxDxH in mm incl. stacker)
<b>Environment</b>	rel. h. 15 - 85 % temp. 5 - 35°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 128 MB Flash 16 MB

## Feeder/Stacker

<b>Output</b>	500 sheets, face down 70 sheets face-up
<b>Optional Stacker</b>	500 sheets, offset-stacker, duplex unit
<b>Input</b>	Cassette 1, 150 sheets (A6 to A4) Cassette 2, 550 sheets (A6 to A4) Cassette 3, 550 sheets (A6 to A4)
<b>Options Input</b>	Cassette 4, 550 sheets (A6 to A4) 1800 sheets using all options

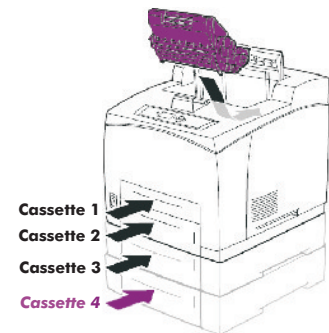
# SPECIFICATIONS

## MPC 5.x High-End Print Controller

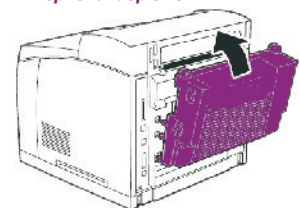
<b>Emulations</b>	MICROPLEX IDOL HP PCL 5e Epson FX-80 Datamax TIFF	IBM Proprinter Diablo 630 ZPLII EPL $\mu$ -Postscript
<b>Optional Emulations</b>	Printronix IGP PGL IPDS	Magnum Code V Kyocera Prescribe Express <i>(more emulations on request)</i>
<b>Barcodes</b>	EAN 8, 13, 128, add on 2/5 3-stroke 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	
<b>Optional Functions</b>	Format splitting in several subformats by command	
	Integrated form management up to 12 MB flash for forms and fonts inside the printer	
	Status-out gives notice of each correctly printed page via interface	
	SPS-control integration of the printer into production lines is possible, controlled by SPS-interface.	

## Media

<b>Size</b>	A6, A5, A4 and special sizes
<b>Weight</b>	paper weight 60-176 g/m <sup>2</sup> with suitable quality up to 216 g/m <sup>2</sup>



optional duplex unit



## Further Products Cut-sheet laser printers

**SOLID 50.2**  
MICROPLEX® Laser  
50 pages/minute  
600 dpi  
3,0 seconds to the first page

**SOLID 85 A3**  
MICROPLEX® Laser  
85 pages/minute  
600 dpi  
4,0 seconds to the first page

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