



# SOLID 50A3-3

**HIGHEST  
PERFORMANCE FOR  
LOGISTICS, AUTOMOTIVE  
AND INTEGRATION**

## A3 Laser Printer for Just-in-Time Applications

### HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Breakneck 3 seconds to printing of first page
- Duplex printing at full speed (up to 26 pages (A4)/minute)
- Flexible extension options for paper feed and tray
- Full integration in production lines through GPIO (SPS control) and Status-Out

### FIELD OF APPLICATION

- Just-in-time applications
- On-demand printing
- Business and workflow documents
- ecommerce



Print Engine

<b>Print technology</b>	Laser, OPC heat / pressure
<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) first page: < 3s
<b>Print resolution</b>	max. 600 dpi x 600 dpi
<b>Duty cycle</b>	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 VAC, 50/60 Hz
<b>Power consumption</b>	8A
<b>Dimensions (WxDxH in mm)</b>	640 x 559 x 483
<b>Weight</b>	48kg (incl. consumables)
<b>Environment temperature</b>	10 - 32°C
<b>Relative humidity</b>	20 - 80 % (rel., non condensing)
<b>Interfaces</b>	USB, RS232, RS422 IEEE 1284 (Centronics) Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)
<b>Memory</b>	RAM: 128MB Flash: 16MB

MPC 5.2 High-End Print-Controller

Emulations

MICROPLEX IDOL, HP-PCL5/ HPGL, AGFA Reno, µ-Postscript, LN03+, BULL-MP6090, Etimark MP-1220, TEC Bx72, TEC B6xx, Diablo 630, IBM Proprinter, EPSON FX-80 (ESC/P), MT-600/MT40, IDS, ANSI Genicom, TIFF, XML (SAP® RFID), CUPS Raster,

Optional Emulations

CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, IGP/PGL. cab, Datamax, Datamax, Label-point, LDC, ZPL II, EPL 2, Intermec Direct Protocol, IER Command, Godex EZPL, HP Designjet, IPDS, AEA (more emulations on request)

Barcodes

Codabar, Code39, MSI, PDF417, Interleaved 2/5, Interleaved 2/5 (3-Stroke Datalogic), Interleaved 2/5 (3-Stroke Matrix), EAN-8, 13, 128, Add-On-Codes, Code11, Code93, Code 128, UPC-A, UPC-E

Optional Barcodes (Barcode 2)

Datamatrix, Maxi-Code, QR Code, Aztec-Code, USD-5 (more barcodes on request)

Additional functions

<b>Intelligent barcode generation</b>	on-the-fly in the printer
<b>Format splitting</b>	in several subformats by command
<b>Integrated form management (RFM)</b>	Forms and fonts can be stored in the flash memory and can be accessed when needed

Optional functions

**Status-Out**  
gives notice of each correctly printed page via interface. Further features can be found in the manual.

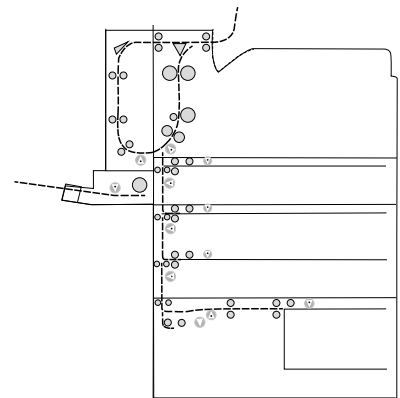
**Programmable GPIO-Interface (SPS-Control)**

EMBEDDED INTELLIGENCE – Enabling two-way communication between printer and a PLC.  
Integration of the printer into production lines is possible, controlled by GPIO-interface  
Customer / Application specific modifications possible.



Printable Media

<b>Size</b>	A5 bis A3
<b>Weight</b>	64-163 g/m <sup>2</sup> Duplex 60-120 g/m <sup>2</sup>



Paper Path

Input

cassette 1, 500 sheets (A5 to A3)  
cassette 2, 500 sheets (A5R\* to A3)  
manual input, 100 sheets (A5 to A3)

Optional

cassette 3+4, 500 sheets (A5R\* to A3)  
2.000 sheets feeder (A4, Letter)

Output

500 sheets, face down  
duplex unit

Optional

100 sheets, face up

\*A5R = A5 short side feeding

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EMEA  
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**MICROPLEX PRINTWARE AG**  
Panzerstraße 5, 26316 Varel  
Germany  
Phone: +49 4451 91370  
E-Mail: sales@microplex.de

AMER  
Canada

**MICROPLEX PRINTWARE CORPORATION**  
30300 Solon Industrial Pkwy Suite E, Solon, OH 44139  
USA  
Phone: +1 440-374-2424  
E-Mail: info@microplex-usa.com

