

# SOLID 52A4 MICR

**TOP PERFORMANCE  
MEETS  
HIGHEST SECURITY  
STANDARDS**

## Highest Security Standards and Printing Performance

### HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Cheque printing with MICR toner for highest security standards
- Optional WIFI and PDF direct print
- Duplex printing standard
- SAP® and AS/400 compatible (through PCL5 + JetCAPS as well as LAN-IPDS)
- Flexible extension options for paper feed and tray
- Perfect control via GPIO / Status-Out

### FIELD OF APPLICATION

- Security relevant documents / cheque printing
- Paper exit face-up and face-down
- Printing with different emulations (PCL5, IPDS, etc.)
- Perfect substitution for matrix printer



## Print Engine

<b>Print technology</b>	Laser, OPC heat / pressure
<b>Controller</b>	MPC 7.1
<b>Print speed</b>	up to 52 pages/minute (A4) first page: approx. 5,9 s
<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>	700 W (Sleep Mode: 4,2 W)
<b>Dimensions (WxDxH in mm)</b>	428 x 511 x 442
<b>Weight</b>	26 kg (incl. consumables)
<b>Noise</b>	< 57 dB (A)
<b>Environment temperature</b>	10 - 32°C
<b>Relative humidity</b>	8 - 80 % (rel., non condensing)
<b>Interfaces</b>	USB 2.0, Ethernet-Interface, 10/100 MBit, bi-directional (TCP/IP)
<b>Factory Option</b>	IEEE 1284 (Centronics)
<b>Option</b>	RS232, RS422 WiFi: IEEE 802.11 n/g/b, WEP with 64 and 128 Bit, WPA/WPA2, WPA-PSK/WPA2-PSK
<b>Memory</b>	RAM: 1024MB Flash: 32 GB

## MPC 7.1 High-End Print-Controller

### Emulations

MICROPLEX IDOL, HP-PCL5/ HPGL, AGFA Reno, µ-Postscript, LN03+, BULL-MP6090, Datamax, Etimark MP-1220, TEC Bx72, TEC B6xx, LDC, ZPLII, EPL 2, Intermec Direct Protocol, IER Command, cab, Godex EZPL, Diablo 630, IBM Proprinter, EPSON FX-80 (ESC/P), MT-600/MT40, IDS, ANSI Genicom, TIFF, HP Designjet, XML (SAP® RFID), CUPS Raster

### Optional Emulations

CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, IGP/PGL, Labelpoint, IPDS, AEA, PDF Direct Printing\*, (more emulations on request)

### Barcodes

Codebar, Code39, MSI, PDF417, Interleaved 2/5, Interleaved 2/5 (3-Stroke Datalogic), Interleaved 2/5 (3-StrokeMatrix), 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>Network capabilities</b>	authentication standard IEEE 802.1X
<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. Further features can be found in the manual.



## Printable Media

<b>Size</b>	A6 to A4, special formats on request
<b>Weight</b>	60 - 203 g/m <sup>2</sup> Duplex 60 - 203 g/m <sup>2</sup>

## Supported MICR fonts

MICR E-13B, MICR CMC-7

## Paper Path

### Input (Standard)

Cassette 1: 550 sheets (A<sub>x</sub> to A4) 75 g/m<sup>2</sup>

### Output (Standard)

550 sheets (75 g/m<sup>2</sup>)

### Input (optional)

550 sheets (75 g/m<sup>2</sup>) tray  
550 sheets (75 g/m<sup>2</sup>) lockable tray

up to 4 x 550 sheet trays usable

**or** 3 x 550 sheet trays  
plus 1 x 2100 sheet tray (75 g/m<sup>2</sup>)  
Caster Base for 2100 sheet tray needed

### Output (optional)

Output expander 500 sheets (75 g/m<sup>2</sup>) (up to 3 times)  
Face-up-Option

### Other options

Spacer (non functioning nput tray to elevate the printer)

Caster Base (only necessary for 2100 sheet tray)

\* Only available with MPC 3.4, MPC 3.6, MPC 7.1 and MPC 8.x

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