



SOLID 52A4

Ideal for:

- Paper exit face-up and face-down
- Integration with GPIO bi-directional communication
- Special paper sizes like A6, KLT (74 x 210 mm)
- printing with different emulations (PCL5, IGP, IPDS, ...)

HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Optional WIFI and PDF direct print
- Duplex printing standard
- Flexible extension options for paper feed and tray
- Full integration in production lines through GPIO / Status-Out

TOP PERFORMANCE FOR OFFICES AND LOGISTICS



SOLID 52A4

When just-in-time applications and top printing performance really matters, the SOLID 52A4 professional laser printer is the perfect choice: the first page is printed in less than 6 seconds and this model boasts printing speeds of up to 52 pages per minute. It combines the highest level of reliability with versatile paper handling capabilities. Optional face-up output and the GPIO (SPS control) option provide with the unique Microplex controller supplying the intelligence for the best prerequisites for integrating the SOLID 52A4 in production lines where control and "hand shake" is the absolute requirement.

Print Engine

Print technology	Laser, OPC heat / pressure
Controller	MPC 7.1
Print speed	up to 52 pages/minute (A4) first page: approx. 5,9 s
Print resolution	max. 600 dpi x 600 dpi
Duty cycle	up to 50.000 pages (A4) (based on a using period of 60 months) max. 250.000 pages (A4)
Power supply	220-240 V / 50/60 Hz
Power consumption	700 W (Sleep Mode: 4,2 W)
Dimensions (WxDxH in mm)	428 x 511 x 442
Weight	26 kg (incl. consumables)
Noise	< 57 dB (A)
Environment temperature	10 - 32°C
Relative humidity	8 - 80 % (rel., non condensing)
Interfaces	USB 2.0, Ethernet-Interface, 10/100 MBit, bi-directional (TCP/IP)
Factory Option	IEEE 1284 (Centronics)
Option	RS232, RS422 WIFI: IEEE 802.11 n/g/b, WEP with 64 and 128 Bit, WPA/WPA2, WPA-PSK/WPA2-PSK
Memory	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, RFM

Optional Emulations

CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, IGP-10, IGP/PGL, Labelpoint, Barcode 2, IPDS, AEA, AFP, Status-Out, PDF Direktdruck*, (more emulations on request)

Barcodes

Codebar, 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

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

Additional functions

Network capabilities	authentication standard IEEE 802.1x
Intelligent barcode generation	on-the-fly in the printer
Format splitting	in several subformats by command
Integrated form management	flash memory for forms and fonts inside the printer

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.

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

The brand names referred to are the registered trademarks of the respective companies. Technical data is subject to change. The information contained in this specification sheet refers exclusively to the described details and not to warranted characteristics. No guarantee is assumed. The information do not exempt from the obligation for inspection of each respective individual case. Version 01.09.2021



Printable Media

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

Paper Path

Input (Standard)

Cassette 1: 550 sheets (A_x to A₄) 75 g/m²

Output (Standard)

550 sheets (75 g/m²)

Input (optional)

550 sheets (75 g/m²) tray
550 sheets (75 g/m²) lockable tray

up to 4 x 550 sheet trays usable

or 3 x 550 sheet trays
plus 1 x 2100 sheet tray (75 g/m²)
Caster Base for 2100 sheet tray needed

Output (optional)

Output expander 500 sheets (75 g/m²)
Face-up-Option

Other options

Spacer (non functioning input tray to elevate the printer)

Caster Base (only necessary for 2100 sheet tray)

SOLID 52A4 MICR as extra model available.



Microplex Printware AG
Panzerstraße 5 | 26316 Varel | Germany
phone +49 4451 91 37-0 | fax +49 4451 91 37-49



PRINTING TECHNOLOGIES
ENGINEERED IN GERMANY

www.microplex.de

SOLID 52A4

INDUSTRIAL GRADE
CUT SHEET PRINTER



GPIO
INTERFACE

MICR
MICR VERSION AVAILABLE

FACE-UP
PAPER OUTPUT

► INTEGRATION INTO PRODUCTION LINES

RATING LABELS, STORAGE LABELS, DELIVERY NOTES, INVOICES,
ASSEMBLY INSTRUCTIONS, PACKAGE INSERTS



► AUTOMOTIVE APPLICATIONS

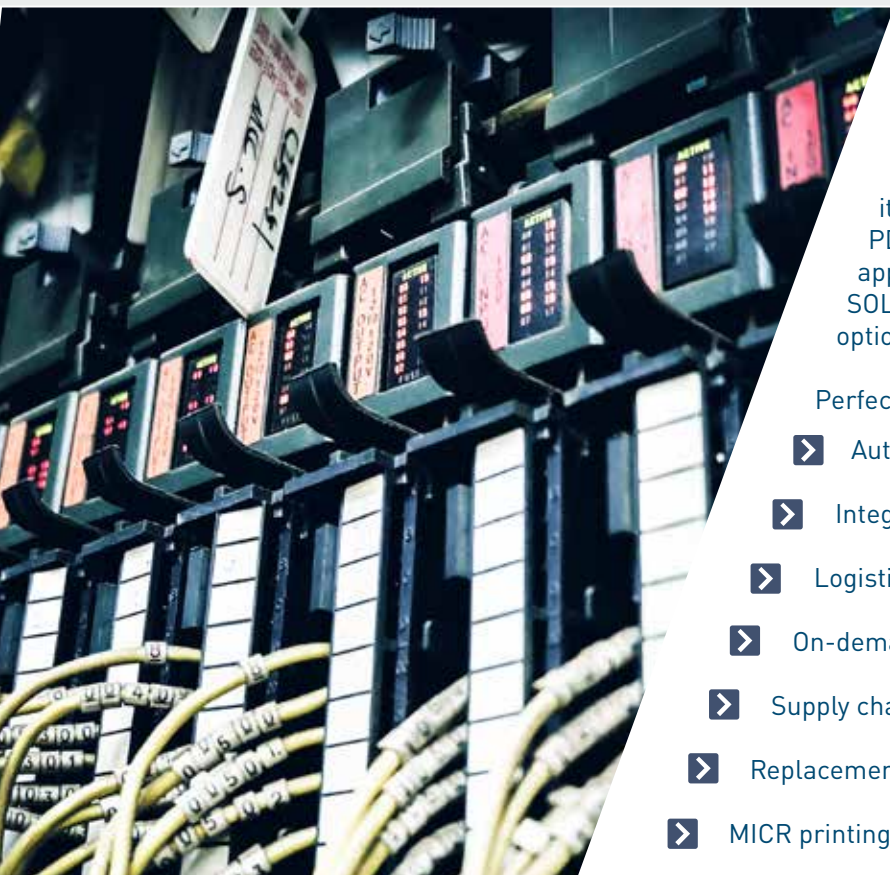
GTL, SMALL GTL, STORAGE LABELS, PRODUCTION PAPERS,
SHIPPING DOCUMENTS, SHIPPING LABELS



► LOGISTICS / eCOMMERCE

STORAGE LABELS, SHELF LABELS, COMMISSIONING DOCUMENTS,
DELIVERY NOTES, SHIPPING LABELS, INVOICES





Field of Applications

The SOLID 52A4 is suitable for a wide field of applications due to the immense possibilities of the Microplex Print Controller (MPC) and the hardware features of the printer itself. Due to its versatility just-in-time printing, optional PDF direct printing as well as optional WIFI are just a few application to mention. Thus, the perfect integration of the SOLID 52A4 into conveyor systems and production lines via optional GPIO and Status Out is given.

Perfect for:

- Automotive applications
- Integration into production lines and conveyor systems
- Logistics applications and distribution centers
- On-demand printing
- Supply chain, fulfillment center and many more
- Replacement
- MICR printing for the Banking Sector (applies for SOLID 52A4 MICR only)

Multiple Configurations are Possible

We are known for our ability of customization & also our ability to choose from over 40 different emulations like Zebra ZPL, Labelpoint, IGP/PGL, IPDS, PDF and many more.

SOLID 52A4 features at a glance:

- 52 page per minute (A4), first page printed below 6 seconds
- Compatible with various automotive-specific communication and terminal protocols (IEEE 802.1x, TN3270 & SNMP)
- Standard duplex printing, optional WiFi and PDF direct printing
- Optional face-up paper exit and output expander
- Paper sizes from 74 x 148 mm to 216 x 356 mm
- Maximum paper capacity up to 4,300 pages
- Secure workflow due to GPIO interface & Status-Out



EMEA
APAC

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

AMER
Canada

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