



PRINTING TECHNOLOGIES  
ENGINEERED IN GERMANY

Your Microplex Partner:

EMEA  
APAC

**MICROPLEX PRINTWARE AG**  
Panzerstraße 5, 26316 Varel  
Phone: +49 4451 91370  
E-Mail: [sales@microplex.de](mailto:sales@microplex.de)  
[www.microplex.de](http://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](mailto:info@microplex-usa.com)  
[www.microplex-usa.com](http://www.microplex-usa.com)

The brand names referred to are the registered trademarks of the respective companies. All figures and details in italics and highlighted in color are optional. 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 02.06.2023



## MICR Printing Applications

**HIGH PERFORMANCE,  
COST EFFECTIVENESS,  
PRECISE AND SECURE  
MICR PRINTING**

### FIELD OF APPLICATION

- Cheque printing
- Secure printing of vouchers, coupons etc.
- Secure printing on continuous and cut sheet media

### HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- High quality printing (600 dpi) at rated engine speed
- CMC7 and E13B fonts available
- Reliable continuous forms and cut sheet printer
- SAP®- and IBM®-compatible (through PCL5 + JetCAPS as well as LAN-IPDS)
- Cost effective and future proof with firmware updates

# HIGH PERFORMANCE, IMPRESSIVE COST EFFECTIVENESS, PRECISE AND SECURE MICR PRINTING





SOLID 58E MICR in maximum configuration

## Seamless Integration and Reliable MICR Printing

With a Microplex MICR printer like the **SOLID 58E MICR** continuous forms laser printer or the **SOLID 52A4 MICR** cutsheet laser printer you are well prepared for the requirements of reliable and readable MICR printing. The Microplex MICR printers come with specially optimized MICR toner with a high accuracy and quality for 600 dpi printing. Microplex provides the MICR fonts **E13B** and **CMC7**, so you are ready to go for printing bank cheques, vouchers, coupons etc. with excellent readability.

With a number of line matrix printer emulations on board like **IGP/VGL, Epson FX-80, Ansi Genicom, CODE-V, MT-600, IBM Proprinter and IPDS** it is easy to replace existing line printer “plug-and-print”.

## E13B and CMC7 Internal Fonts

Microplex MICR printers can be equipped with resident internal MICR fonts specially adjusted to the print technology. Available are the two font styles E13B and CMC7.

If a SOLID MICR printer has those fonts installed, it is ready for MICR printing directly after power on. The application can just send the productive data. There is no need to send prefix data with the fonts etc. This keeps the production speed high and the network load low.

### CMC7 MICR font for SOLID MICR printers:



### E13B MICR font for SOLID MICR printers



Available MICR fonts

## Secure Cheque Printing on Preprinted Continuous Forms Media

**Continuous forms printing is important** if there is a need to print on continuous paper according to audit requirements so **no alterations or changes** can be made.

The SOLID 58E MICR can handle various types of media. For cheque printing also materials with safety features can be printed without destroying the safety features like holograms etc. The material must be suitable for printers with heat fusing.

The SOLID 58E MICR is made for trouble free printing on continuous media thanks to its reliable tractor feeding mechanism. The paper feeding is as accurate as possible and the print position accuracy is unprecedented. With the Microplex SOLID 58E MICR you have a robust and flexible production line for individual cheque printing.

- SOLID 58E MICR:
- 58 pages per minute (8,6 m/min)
  - 18 inch paper width, 17 inch printable
  - up to 2 tractor feeder

## Cut Sheet MICR Printing with the SOLID 52A4 MICR

With our SOLID 52A4 MICR, we provide document secure printing and also meet the highest security standards. The SOLID 52A4 MICR i.g. can be used in central banks, banks as well as ministries but also in companies that use the cutsheet laser printer, for example, to issue paychecks for employees or creditor checks and bank checks. You benefit from all the functions of the standard printer with the difference that the SOLID 52A4 MICR can be operated exclusively with MICR toner.

- SOLID 52A4 MICR:
- 52 pages per minute
  - Paper input options up to 4,300 sheets
  - Lockable paper trays
  - Paper formats from 74 x 148 mm to 216 x 356 mm

## MPC8.x Controller Technology

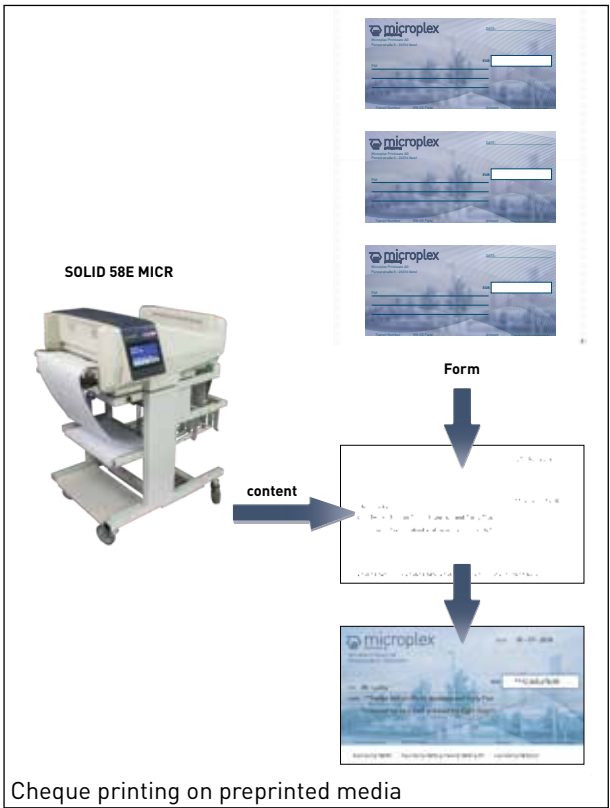
Both SOLID MICR printers are equipped with the latest Microplex Controller Technology. The MPC8.x controller provides maximum performance for any MICR application. Also the following features are available for all SOLID MICR printers:

- PDF Direct Printing optional
- Resident MICR fonts CMC7 and E13B
- Resident Memory for storing forms and macros
- Optional WIFI

## Individual Firmware Adaptation

If a „standard“ Microplex printer does not meet the needed requirements to fit into one specific application or should there be any **special requests**, we are always able to **customize** our firmware and make the printer work within the application.

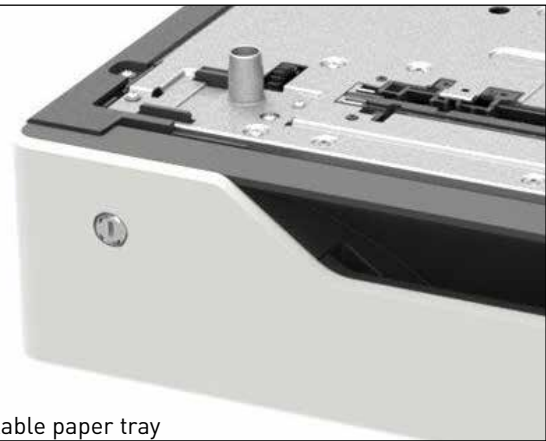
- Adding possible new barcode technologies
- Emulation adaptations to fully support the customers print data
- Customization depending on application



Cheque printing on preprinted media



SOLID 52A4 MICR



Lockable paper tray

MICR cheque printing on cut sheet media can be performed with the **SOLID 52A4 MICR** on many standard and non standard paper materials and sizes.



Continuous forms cheque

## Gaining Speed and Quality without Changing the Application

Microplex SOLID MICR printers can print complex and variable data that contains many data and graphics. Unlike to most line matrix printers, where the printing speed is reduced to achieve a slightly better print quality, the Microplex MICR printers maintain its maximum speed. Therefore the SOLID MICR printers reduce the actual printing time significantly and keep the high quality at **600 dpi**.

- Maximum speed with variable and complex data (i.e. graphics)
- Reduced printing time compared to line printer
- High quality 600 dpi printing at maximum speed
- Cost effective