

# Line Printer Replacement

**HIGH PERFORMANCE,  
IMPRESSIVE  
COST EFFECTIVENESS  
AND COMPATIBLE  
TO VARIOUS  
LINE PRINTERS**



**PRINTING TECHNOLOGIES**  
ENGINEERED IN GERMANY

Microplex printers\* are enabled for the remote management software SOTI Connect (license necessary)



SOTI Connect is an enterprise-grade management solution that provides an organization complete lifecycle management of its mobile and industrial printers.

\* SOTI Connect supported by most Microplex printers – not available for SOLID 45ET

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## FIELD OF APPLICATION

- Barcode labels
- Pick lists / production documents
- Logistics- and banking documents
- Upgrade from matrix printers to laser

## HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- High quality printing (600 dpi) at rated engine speed
- Quiet operation compared to line matrix technology
- Always maximum print speed
- SAP®- and IBM®-compatible (through PCL5 + JetCAPS as well as LAN-IPDS and PDF direct)
- Compatible with standard line printers
- Direct connection to various IBM applications
- Cost effective and future proof with firmware updates

# HIGH PERFORMANCE, IMPRESSIVE COST EFFECTIVENESS AND COMPATIBLE TO VARIOUS LINE PRINTERS



## Seamless Integration and Replacement

Microplex offers high-performance printing solutions to replace traditional line matrix printers – seamlessly integrated, highly compatible, and cost-effective. Whether cut-sheet laser printing or robust thermal printing: We deliver customized solutions for your production and logistics processes.

### Compatibility & Integration

Our solutions support a wide range of printer languages – including **IGP/VGL, Epson ESC/P, ANSI Genicom, CODE-V, MT-600, IBM Proprinter**, and **IPDS** – and can be directly integrated into **IBM® and SAP® systems**. Existing applications remain unchanged. Thanks to a variety of emulations and format scaling, replacement is a simple „plug-and-print“ process.



Print quality line printer

## Increasing Speed and Quality without Changing the Application

To achieve better print quality on line printers, the printing speed is reduced or the areas containing barcodes are printed twice. This often significantly reduces print output. Microplex laser and thermal printers always print complex, variable data containing many barcodes at maximum speed.

- Maximum speed with variable and complex data (i.e. 2D barcode)
- Reduced printing time compared to line printer
- High quality 600 dpi printing at maximum speed
- Cost effective



Print quality SOLID 60A3

## Quiet operation – pleasant working environment

Microplex printers operate significantly quieter than traditional line printers or matrix systems. Thanks to smooth printing processes, the noise level remains consistently low – regardless of print volume or data complexity. This ensures a quiet, stress-free environment and makes an important contribution to occupational health and safety.

## Save Money with a Microplex Printer

Considering a Microplex thermal- or laser printer can help to save money.

- When printing high-quality barcodes, the per-page cost of a laser printer is very economical compared to line printers. The high printing speed also means fewer printers are needed for the same volume, saving money and space.
- Thanks to the Microplex multi-copy functionality, Microplex printers eliminate the need for expensive carbonless sets (NCR paper).



## Suitable solutions for every requirement

Microplex offers a broad portfolio of printing systems to replace traditional line printers – tailored to the diverse requirements of industry, logistics, and production. Whether single-sheet or continuous printing, compact devices for decentralized applications, or powerful systems for high-volume printing: Our solutions combine high emulation compatibility with robust technology and seamless system integration.

The following overview shows which model is particularly suitable for which application.

- **SOLID 45ET-1/2** is suitable for users who continue to work with continuous media (e.g., labels on fanfold paper) with one or two tractors, e.g., in combination with cutting blades.
- **SOLID 60A3** is ideal for transitioning from continuous to single-sheet processing – especially for structured forms and data layouts scalable to A3.
- **SOLID 52A4** is ideal for compact, industrial applications with a small footprint, e.g., directly on production lines.

## Fit-to-Page - the Easy Way - Microplex Cut Sheet

For delivery notes that were printed on a line printer, take the data stream and send it to one of our cut sheet laser or thermal printers and this feature will print it on A5, A4 or even A3.

There is no need to touch the data and application software at all.

## Replacing a NCR Set with a Microplex Cut Sheet Printer

**Method one:**  
Go electronic by capturing the signature at the door, then you only need to print the top sheet out as a delivery note as above, everything else is taken care of by the solution.

**Method two:**  
Print the top copy (delivery note) on white paper from tray one, print the driver's copy on yellow paper from tray two. This is the one the driver has to have signed by the customer and print a pink copy for the accounts department, this can go straight into accounts (no delay).

## Individual Firmware Adaptation

It might be possible that the Microplex printer "as is" does not fit your system requirements 100%. Since Microplex has all development resources in-house, hardware and software, we can define a suitable modification in order to match the requirements.

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



SOLID 45ET-1 / SOLID 45ET-2



SOLID 52A4



SOLID 60A3



SOLID 105A3

Some Microplex replacement products for line matrix printers.