Line Printer Replacement

PRINTING TECHNOLOGIES
ENGINEERED IN GERMANY

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

Your Microplex Partner:

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)
- ▶ **Compatible with standard line printers**
- ▶ **Direct connection to various IBM applications**
- ▶ **Cost effective and future proof with firmware updates**

Seamless Integration and Replacement

With a Microplex continuous forms laser printer as a perfect line printer replacement you are well prepared for the requirements of the future. If, for example, in the future a new barcode is introduced, Microplex can offer a firmware update, which makes the new barcode available immediately.

Microplex print solutions based on the Microplex Multi Intelligence Controller MPC provides multiple benefits for a seamless integration into existing line printer applications.

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

Increasing Speed and Quality without Changing the Application

The Microplex continuous forms laser printers, for example the **SOLID F40**, can also print complex and variable data that contains many barcodes, maintaining the maximum speed at 2,000 lpm contrary to most line matrix printers, where the printing speed is reduced to achieve a slightly better print quality. Therefore the SOLID F40 reduces the printing time significantly and keeps the high quality at **600 dpi**.

> 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

Reduced Noise Level During Printing

Printing with a SOLID continuous laser printer is usually also much quieter than with most impact printers. This can free up office space, save the nerves of the users and is also beneficial to the employee's health.

Save Money with a Microplex Printer

Considering a Microplex continuous forms laser printer can help to save money.

> In most cases the cost per page is very competitive if the printout of high quality barcodes is required.
> When high quality barcodes are required the Microplex continuous laser printer can actually lower the costs by running fewer printers to handle the print demands.

> Using normal paper depending on our line printer emulations.
> Cheaper material cost without using impact paper (NCR paper), thanks to the Microplex multi-copy functionality.

Printer Range from 40 ppm (2,000 lpm) up to 140 ppm (5,000 lpm)

Inexpensive to purchase, inexpensive to operate: the SOLID F40 i.e. is the most economical printer in its class. As a continuous forms laser printer for medium printing volumes it covers a very broad spectrum of deployment areas. The powerful Microplex controller guarantees connection versatility, easy system integration and high printing performance.

Cold fusing via Xenon flash lamps also enables thermally sensitive materials such as plastic or PVC to be used. And fusing is also trouble-free even on thick materials.

> **SOLID F40:** 40ppm (2,000 lpm), 16 inch wide, 14.6 inch printable

> **SOLID 60E-2:** 60ppm (3,000 lpm), 16 inch wide, 14.6 inch printable

> **SOLID 85E:** 85ppm (3,000 lpm), 18 inch wide, 17 inch printable

> **SOLID F140:** 140ppm (5,000 lpm), 18 inch wide, 17 inch printable

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 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

Print quality line printer

Print quality SOLID F40

SOLID F40

SOLID F140

SOLID 52A4

SOLID 50A3-3

Some Microplex replacement products for line matrix printers.