PRINTING TECHNOLOGIES
ENGINEERED IN GERMANY

Your Microplex partner:

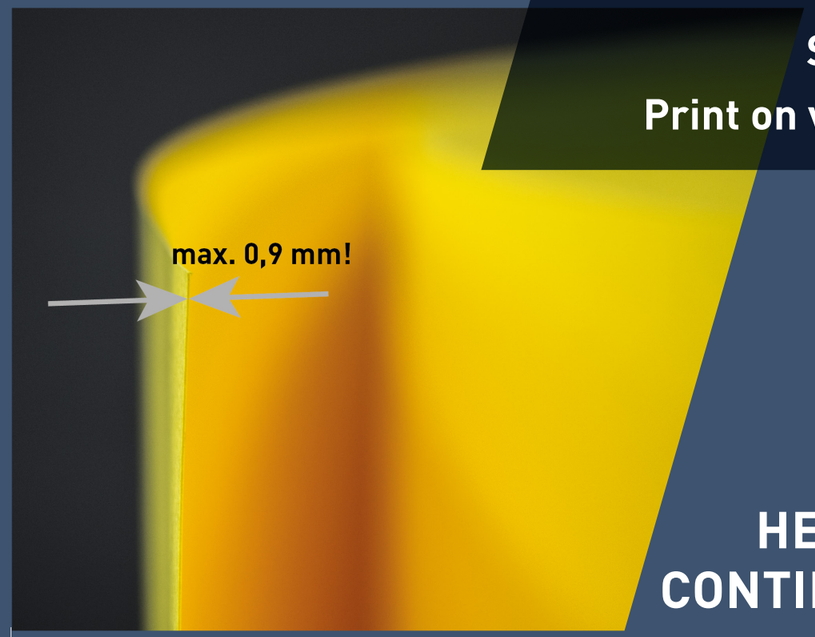
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SUPERIOR PERFORMANCE AND EXCELLENCE



SOLID Thermal Printer
Print on very heavy thick media

MAXIMUM PERFORMANCE EVEN WITH HEAVY MATERIALS IN CONTINUOUS OPERATION

FIELD OF APPLICATION

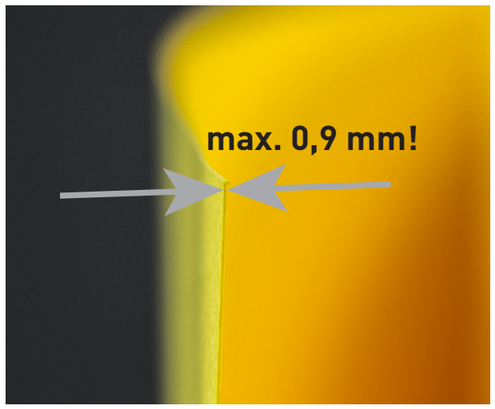
- Price tags to max. 0.9 mm!
- Marking on cardboard
- Food guiding cards
- Daily updated shelf marking
- Custom Prints

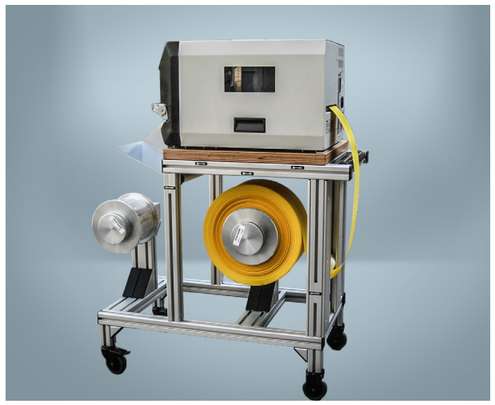
HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Reliable processing of heavy thick media
- Robust cutting blade for strong materials (blister card)
- High speed (from 2 seconds per page)
- Can take a large width (254 mm, 213 mm printable)
- SAP® and AS/400 compatible (by PCL5 + JetCAPS and LAN-IPDS)
- Compatible with standard laser printers (hassle free switch from laser to thermal)

MAXIMUM PERFORMANCE
EVEN WITH **HEAVY MATERIALS**
IN **CONTINUOUS OPERATION**

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Material up to 0.9 mm Thickness

For thick materials up to 0.9 mm or 240 gsm paper weight producing continuously with permanent error free printing.

To carry out this process a printing system is needed which has special properties features. The thermal printers of the Microplex SOLID thermal printer family are uniquely designed for continuous operation with these materials.
The SOLID thermal printers SOLID T4-2, SOLID T6 and SOLID T8 print on heavy and thick materials in widths of up to 4, 6 and 8 inches at up to 16 inch/s (406 mm/s).

Special properties are as follows:

- Straight paper path for minimal material curvature
- Robust cutter designed for maximum paper thickness
- Variable lengths without loss of time and material change

The Thermal Printers of the SOLID T-Family

The printers in the SOLID thermal printer family are rugged 4-, 6-, and 8-inch thermal printers. They are designed for the toughest continuous loads in production and logistics. You can efficiently and quickly print all common materials up to 240 gsm and up to 0.9 mm thickness, optionally in high quality thermal transfer quality or in economical and highly efficient direct thermal printing. The SOLID thermal printer works with a high resolution of 300 dpi so very small barcodes and graphics will be razor sharp and clear.


SOLID T4-2

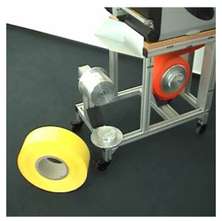

SOLID T6


SOLID T8

- **SOLID T4-2**
  - 4 inch (106 mm) print width
  - up to 154 mm material width
  - Optional cutter
- **SOLID T6**
  - 6 inch (160 mm) print width
  - up to 185 mm material width
  - Optional cutter
- **SOLID T8**
  - 8 inch (213 mm) print width
  - up to 254 mm material width
  - Optional power cutter

“Continuous“ Paper Supply of the SOLID T-Family

The printers are specially designed for the professional processing of thick and heavy papers. The SOLID thermal printer can be upgraded with an external reel unwinder to take extremely large stock of material. Equipped for rolls up to 400 mm in diameter. Also, large and time-critical printing tasks can be done in a short time.
Through the use of continuous material, variable lengths can be printed and directly cut one after the other through software control, without material change or loss.







Multiple Configurations are Possible

Microplex printer with its multi intelligence controller provides multiple configuration possibilities. Via configuration the printers can be adjusted to nearly any application requirement.
More than 40 printer languages (emulations) can be selected. Every emulation can be fine tuned. Beside software signals via SNMP and Status-Out also electrical signals can be used to control the machinery and establish a real handshake between printer and system.

- Monitoring and control of the print out via electrical signals with 8 input and 8 output channels (GPIO / SPS-Control)
- Monitoring the printer status via SNMP (fleet management)
- Individual feedback messages via data channel (Status-Out)
- User friendly configuration via web panel

Emulations and Barcodes

Thermal printer emulations, i.e.

ZPL II, EPL2, IGP/PGL, Datamax, TEC, IER-Command, Intermec Direct Protocol, LDC, LabelPoint, Etimark MP-1220, cab

Laser printer emulations, i.e.

PCL5, IGP/PGL, XES, Kyocera Prescribe, Kodescript+, AGFA Reno, LN03+, BULL-MP6090

Matrix printer emulations, i.e.

IGP/VGL, IGP/PGL, Epson FX-80, Ansi Genicom, CODE-V, MT-600, IBM Proprinter, IPDS

Further emulations

CUPS-Raster, HPGL, TIFF, Diablo 630, Lineprinter, PDF, ...

Two-width codes

Codabar, Code39, MSI, Interleaved 2/5, Interleaved 2/5 (Datalogic), Interleaved 2/5 (Matrix)

Multiple-width codes

EAN-8, EAN-13, EAN-128, Add-on-Codes, Code 11, Code93, Code 128, UPC-A, UPC-E

Hight-modulated codes

Postnet, Planet, KIX, Royalbar, USPS One Code

2D-barcodes

Aztec-Code, PDF 417, Datamatrix, Maxi-Code, USD-5, QR-Code

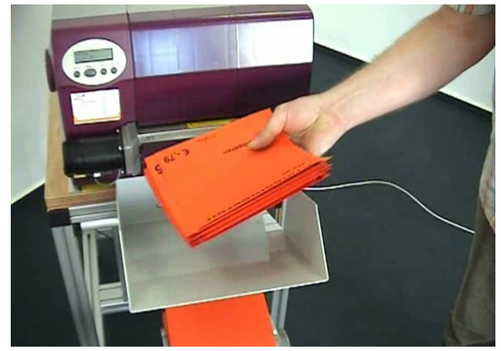
Individual Firmware Adaptation

If the diverse configuration options are not sufficient, we adapt our controller firmware individually and tailor-made to the needs of the customer in cooperation with plant manufacturers and system integrators.

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









Price and shelf markings are made with SOLID thermal printers on demand in variable lengths in the correct order professionally printed and cut to size.