Unique direct thermal and thermal transfer printer with dual paper feeding

Applications
- labels and tags
- printing with two different formats
- just-in-time or batch printing

- ROBUST METAL CASE
  Ideally suited for the rough industrial daily routine
- COMPATIBLE WITH LASER PRINTERS
- SAP- AND AS/400-COMPATIBLE
  Supports PCL5e+Jetcaps and LAN-IPDS
- FULLY WINDOWS AND LINUX COMPATIBLE
- PRINTING OF MONOCHROMATIC BITMAPS
- EASY HANDLING OF THE CONSUMABLES

300 dpi
150 mm/s

www.microplex.de
## MPC 6.x High-End Print Controller

### Print Engine

- **Print technology**: Thermal transfer/direct thermal harmonic (history-controlled flat head technology)
- **Controller**: MPC 6.x with ATMEL AT91 SAM9260 (200 MHz RISC processor)
- **Print speed**: up to 150 mm/s
  - up to 6 inch/s
- **Resolution**: 300 dpi x 300 dpi
- **Lifetime print head**: 50.000 m
- **Power supply**: 100/240 V, 50/60 Hz
- **Dimensions (WxDxH in mm)**: 274 x 512 x 291
- **Weight (without cutter)**: 15 kg
- **Environment**:
  - rel. h. (n. cond.) 45 - 75 %
  - temp. 5 - 35°C

### Feeder/Stacker

- **Input**: continuous
  - external, e.g. tear-off sensor for black mark and label gap (reflection and transmissive)
- **Output**: continuous
  - single tear-off (option: peel-off, cutter)
  - job (option: cutter)

### Media

- **Size**: up to 4 inch / 106 mm
- **Blackmark**:
  - compliance with predefined positioning required
  - 0,06 mm - 0,25 mm
  - >200 sec (Bekk)
- **Caliper**:
  - max. 76 mm
  - core diameter
  - ribbon length
  - coated side
  - width
  - max. 450 m
  - inside
  - 30 - 110 mm

### Emulations

- MICROPLEX IDOL
- IBM Proprinter
- HP PCL 5e
- Diablo 630
- Epson FX-80
- ZPLII, EPL Datamax
- Printronics IGP
- Magnum Code V
- PGL, TIFF
- Kyocera Prescribe
- µ-Postscript
- Express

### Barcodes

- EAN 8, 13, 128
- Jetcaps (HP/SAP) 2/5 3-stroke Datalogic
- Code 39
- 2/5 3-stroke Matrix
- UPC A, E
- Codabar, PDF 417
- Postnet, KIX,
- USD5
- UPS-Maxicode, Datamatrix
- Aztec-Code

### Functions

- Intelligent barcode generation
  - on-the-fly in the printer
- Format splitting
  - in several subformats by command
- Integrated form management
  - up to 12 MB Flash for forms and fonts inside the printer
- Status-out
  - gives notice of each correctly printed page via interface
- SPS-control
  - integration of the printer into production lines is possible, controlled by SPS-interface.

### Memory

- **RAM**: 64 MB
- **Flash**: 1.6 MB

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**SPECIFICATIONS**

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All colored and italic printed items are options.

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