

**SOLID T8**

**MAXIMUM  
FLEXIBILITY FOR  
SMOOTH PRODUCTION  
AND LOGISTICS  
PROCESSES**

## 8-inch Thermal Printer for Toughest Continuous Demands

### HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Easy handling of consumables
- USB, Ethernet (10/100 Mbit) as standard
- Laser printer compatible
- SAP® and AS/400 compatible (through PCL5 + JetCAPS as well as LAN-IPDS)
- Very high printing speed
- Robust metal case
- Ribbon Safe Modus

### FIELDS OF APPLICATION

- Stickers, labels and tags up to DIN A4
- Roughest production and logistics operations
- Fast on-demand printing or batch processing
- Suitable for the toughest continuous load



## Print Engine

<b>Print technology</b>	Thermal transfer/direct thermal harmonic (history-controlled near-edge print head)
<b>Controller</b>	MPC 8.x
<b>Print speed</b>	up to 406 mm/s up to 16 inch/s
<b>Print resolution</b>	300 dpi x 300 dpi
<b>Lifetime print head</b>	Transfer: up to 50.000 m Direct: up to 25.000 m
<b>Power supply</b>	100 - 240 VAC, 50/60 Hz
<b>Power consumption</b>	3,2A
<b>Dimensions (WxDxH in mm)</b>	450 x 490 x 305
<b>Weight</b>	26 kg (without options)
<b>Environment temperature</b>	5 - 35°C
<b>Relative humidity</b>	45 - 75 % (rel., non condensing)
<b>Interfaces</b>	USB, IEEE 1284 (Centronics) Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)
<b>Optional*</b>	RS232, RS422 WIFI: IEEE 802.11 n/g/b, WEP with 64 and 128 Bit, WPA/WPA2, WPA-PSK/WPA2-PSK
<b>Memory</b>	RAM: 256 MB Flash: 256 MB

## MPC 8.x High-End Print-Controller

### Emulations

MICROPLEX IDOL, HP-PCL5/ HPGL, IGP/PGL, AGFA Reno, LN03+, BULL-MP6090, Datamax, Etimark MP-1220, TEC Bx72, TEC B6xx, LDC, ZPL II, EPL2, Intermec Direct Protocol, IER Command, cab, Godex EZPL, Diablo 630, IBM Proprinter, Epson FX-80, MT-600/MT40, IDS, ANSI Genicom, TIFF, HP Designjet, XML (SAP® RFID), CUPS Raster

### Optional Emulations

µ-Postscript, CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, Labelpoint, IPDS, AEA, PDF Direct Printing\*\* (more emulations on request)

### Barcodes

EAN 8, 13, 128, add on, 2/5 3-stroke Datalogic, 2/5 3-stroke Matrix, Codabar, PDF 417, Royalbar, Planet, Jetcaps (HP/SAP), Code 39, 128 MSI, UPC A, E, Postnet, KIX, USPS One Code

### Optional Barcode (Barcode 2)

Datamatrix, Maxi-Code, QR Code, Aztec-Code, USD-5 (more barcodes on request)

### Additional functions

<b>Network capabilities</b>	authentication standard IEEE 802.1X
<b>Intelligent barcode generation</b>	on-the-fly in the printer
<b>Format splitting</b>	in several subformats by command
<b>Ribbon Save Mode</b>	active from 12 mm unprinted length, to save ribbon

### Optional functions

#### Integrated form management (RFM)

Forms and fonts can be stored in the flash memory and can be accessed when needed.

#### Status-Out

gives notice of each correctly printed page via interface. Further features can be found in the manual.

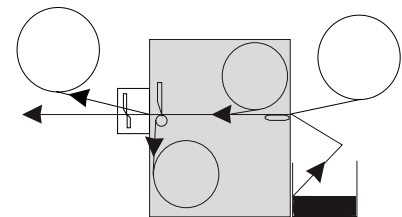
#### Programmable GPIO-Interface (SPS-Control)

EMBEDDED INTELLIGENCE – Enabling two-way communication between printer and a PLC.  
Integration of the printer into production lines is possible, controlled by GPIO-interface  
Customer / Application specific modifications possible.



## Printable Media

<b>Size</b>	100 - 254 mm width: printable width 213 mm
Roll diameter	max. 210 mm (max 5000 g)
Core diameter	1,5 / 3 / 4 Zoll (38,1 - 102 mm)
<b>Weight</b>	max. 240 g/m²
<b>Paper thickness</b>	0.2 - 0.9 mm
<b>Thermal transfer ribbon</b>	roll diameter max. 90 mm
<b>Core diameter</b>	1 inch (25.4 mm)
<b>Ribbon length</b>	max. 600 m
<b>Coated side</b>	inside
<b>Ribbon width</b>	30 - 217 mm



## Paper Path

### Input

Continuous  
internal from roll, external, e.g. fanfold  
standard: Gap sensor (transmissive)  
optional: Black Mark sensor (reflection)

### Output

Single / Job                      tear-off

### Optional

Continuous	external Rewinder
Single	peel-off, cutter (up to 160 g/m²)
Job	cutter (up to 160 g/m²) power cutter (up to 240 g/m²)

\* Not all interface options can be activated at the same time.  
\*\* Only available with MPC 3.4, MPC 3.6, MPC 7.1 and MPC 8.x

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EMEA  
APAC

**MICROPLEX PRINTWARE AG**  
Panzerstraße 5, 26316 Varel  
Germany  
Phone: +49 4451 91370  
E-Mail: sales@microplex.de

AMER  
Canada

**MICROPLEX PRINTWARE CORPORATION**  
30300 Solon Industrial Pkwy Suite E, Solon, OH 44139  
USA  
Phone: +1 440-374-2424  
E-Mail: info@microplex-usa.com



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ENGINEERED IN GERMANY

www.microplex.de