

**PM-T8****MAXIMUM INTEGRATION  
INTO MACHINERY AND  
PLANT CONSTRUCTION  
FOR SEAMLESS  
PRODUCTION PROCESSES**

## Compact, Modular and Highly Flexible

### HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Seamless integration into production lines
- Laser- and Thermal printer compatible
- High degree of freedom for programming
- UHF RFID option available
- SAP® and AS/400 compatible (through PCL5 + JetCAPS, LAN-IPDS)
- Compatible with standard laser printers

### FIELD OF APPLICATION

- Integration Plant Engineering
- Individual customized applications
- Fast and accurate printing of 8 inch wide paper and labels



## Print Engine:

<b>Print technology</b>	Thermal Transfer harmonic (history-controlled flat head technology)
<b>Controller</b>	MPC 8.x
<b>Print speed</b>	up to 150 mm/s up to 6 inch/s
<b>Print resolution</b>	300 dpi x 300 dpi
<b>Lifetime print head</b>	up to 50.000 m
<b>Power supply</b>	AC 100 - 120, 200 - 240 V, 50/60 Hz
<b>Power consumption</b>	6,0A
<b>Dimensions (WxDxH in mm)</b>	370 x 170 x 205
<b>Weight</b>	7 kg (without options)
<b>Environment temperature</b>	5 - 35°C
<b>Relative humidity</b>	45 - 75 % (rel., non-condensing)
<b>Interfaces</b>	USB Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)
<b>Optional*</b>	IEEE 1284 (Centronics) RS232, RS422
<b>Memory</b>	RAM: 256 MB Flash: 256 MB
<b>Display (optional)</b>	Monochrome control panel

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

### 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.

### Status-Out

gives notice of each correctly printed page via interface

### Emulations

MICROPLEX IDOL, AGFA Reno, LN03+, BULL-MP6090, IGP/PGL, 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 (ESC/P), MT-600/MT40, IDS, ANSI Genicom, TIFF, HP Designjet, XML (SAP® RFID), CUPS Raster

### Optional Emulations

HP-PCL5/ HPGL, µ-Postscript, CODE-V [Magnum], XEROX XES, KODESCRIPT+, Prescribe/PSB 2, Labelpoint, IPDS, AEA, PDF Direct Printing\*\* (more emulations on request)

### Barcodes

Codebar, Code39, MSI, PDF417, Interleaved 2/5, Interleaved 2/5 [3-Stroke Datalogic], Interleaved 2/5 [3-Stroke Matrix], EAN-8, 13, 128, Add-On-Codes, Code11, Code93, Code 128, UPC-A, UPC-E

### Optional Barcodes (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>Optional functions</b>	
<b>Integrated form management (RFM)</b>	Forms and fonts can be stored in the flash memory and can be accessed when needed.

\* Not all interface options can be activated at the same time.

\*\* Only available from MPC 3.4, MPC 3.6, MPC 7.x and MPC 8.x

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## Printable Media

<b>Size</b>	100 - 222 mm width printable width max. 219 mm
<b>Paper thickness</b>	0,14 mm - 0,25 mm
<b>Thermal transfer ribbon</b>	roll diameter max. 78 mm
<b>Core diameter</b>	1 inch / 25,4 mm
<b>Ribbon length</b>	max. 450 m
<b>Coated side</b>	outside
<b>Ribbon width</b>	max. 220 mm



## Paper Path

### Input

continuous  
external from roll  
external, e.g. fanfold  
sensor for black mark and label gap  
(reflection and transmissive)

### Output

Single: Tear-off, Job: Tear-off

### Option RFID

#### Frequency Range

865.600-867.600 MHz (ETSI EN 302 208)

#### RF Power

programmable in 15 levels (1 dB step) from 9 dBm to 23 dBm (from 8 mW to 200 mW) conducted

**Standard Protocols** EPC C1 G2 / ISO18000-6C

**Features** read/write/verify (void)

#### Registration of antenna position

automatic (depending on antenna design)



PRINTING TECHNOLOGIES  
ENGINEERED IN GERMANY

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