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# 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
- Enabled for remote printer management software SOTI Connect

### FIELD OF APPLICATION

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

# PM-T8

# SPECIFICATIONS

## Print Engine:

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

**Optional Emulations**
HP-PCL5/ HPGL, µ-Postscript, CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, Labelpoint, IPDS, AEA (more emulations on request)

**Barcodes**
Codabar, 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**

| | |
|---|---|
| **Network capabilities** | authentication standard IEEE 802.1X |
| **Intelligent barcode generation** | on-the-fly in the printer |
| **Format splitting** | in several subformats by command |

**Optional functions**

| | |
|---|---|
| **Integrated form management (RFM)** | Forms and fonts can be stored in the flash memory and can be accessed when needed. |
| **Remote Management Support** | SOTI Connect (License necessary) |

## Printable Media

| | |
|---|---|
| **Size** | 100 - 222 mm width<br>printable width max. 219 mm |
| **Paper thickness** | 0,14 mm - 0,25 mm |
| **Thermal transfer ribbon** | roll diameter max. 78 mm |
| **Core diameter** | 1 inch / 25,4 mm |
| **Ribbon length** | max. 450 m |
| **Coated side** | outside |
| **Ribbon width** | 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 v3.1.1)
**RF Power**
programmable in 18 levels (1 dB step) from 10 dBm to 27 dBm (from 10 mW to 500 mW) conducted

| | |
|---|---|
| **Standard Protocols** | EPC C1 G2 / ISO18000-63 |
| **Features** | read/write/verify (void) |

**Registration of antenna position**
automatic (depending on antenna design)

* Not all interface options can be activated at the same time.
** Only available from MPC 3.6, MPC 7.x and MPC 8.x

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