



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:

Print technology	Thermal Transfer harmonic (history-controlled flat head technology)
Controller	MPC 8.x
Print speed	up to 150 mm/s 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 Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)
Optional*	IEEE 1284 (Centronics) RS232, RS422
Memory	RAM: 256 MB Flash: 256 MB
Display (optional)	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 Direktdruck** (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

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.

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

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APAC

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Printable Media

Size	3.9" - 8.7" (100 - 222 mm) width printable width max. 8.6" (219 mm)
Paper thickness	0.0055" - 0.01" (0.14 - 0.25 mm)
Thermal transfer ribbon	roll diameter max. 3.08" (78 mm)
Core diameter	1 inch / 25,4 mm
Ribbon length	max. 450 m
Coated side	outside
Ribbon width	max. 8.66" (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)

