



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

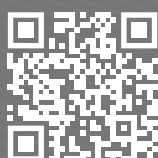
PCL5 Compatible 8-Inch Thermal Transfer Printer

HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- GHS-compliant hazardous materials labeling
- Two color printing to ensure greater attention
- Completely trouble-free paper handling
- SAP® and AS/400 compatible (through PCL5 + JetCAPS as well as LAN-IPDS)
- Compatible with standard laser printers

FIELDS OF APPLICATION

- Hazardous materials labeling
- Price labeling
- Logistics
- Pharmaceuticals



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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	Transfer: up to 50.000 m
Power supply	100 - 240 VAC, 50/60 Hz
Power consumption	6,0 A
Dimensions (W x D x H in mm)	389 x 420 x 293 mm
Weight	21,5 kg (without options)
Environment temperature	5 - 40°C
Relative humidity	25 - 85 % (rel., non-condensing)
Interfaces	USB 2.0 Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)
Options*	RS232, RS422, IEEE 1284 (Centronics) WIFI: IEEE 802.11 n/g/b, WEP with 64 and 128 Bit, WPA/WPA2, WPA-PSK/WPA2-PSK
Memory	RAM: 256 MB Flash: 256 MB
Display	Color-Touch-Panel 3.7 inch (480 x 242 pixel)

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 (ESC/P), 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

Codebar, Code39, MSI, PDF 417, Datamatrix, Maxi-Code, QR Code, Aztec-Code, USD-5, 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, (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.

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.

* 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

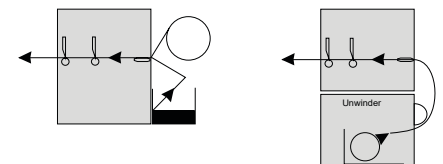
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TC8 with optional Unwinder

Printable Media

Size	100 - 222 mm width 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)

Optional

unwinder
Size: 100 - 220 mm width
Label roll diameter max. 203 mm
Core diameter 3 inch / 76,2 mm

Output

Job tear-off

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