



SOLID T4-2

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

4-inch Thermal Printer for the Toughest Continuous use

HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Optionally available in 5-inch width
- 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

FIELD OF APPLICATION

- Stickers, labels and tags
- Roughest production and logistics operations
- Fast just-in-time printing or batch processing
- Toughest continuous use



Print Engine

Print technology	Thermal transfer/direct thermal harmonic (history-controlled flat head technology)
Controller	MPC 8.x
Print speed	up to 16 Inch/s up to 406 mm/s
Print resolution	300 dpi x 300 dpi
Lifetime print head	Transfer: up to 50,000 m, Direct: up to 25,000 m
Power supply	110/240 VAC, 50/60 Hz
Power consumption	3,2 A
Dimensions (WxDxH)	12.6" (320 mm) x 19.3" (490 mm) x 12" (305 mm)
Weight	44 lbs (20 kg) (without options)
Environment temperature	5 - 35°C
Relative humidity	45 - 75 % (rel., non-condensing)
Interfaces	USB, IEEE 1284 Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)
Optional*	RS232, RS422 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

MPC 8.x High-End Print-Controller

Emulations

MICROPLEX IDOL, HP-PCL5/ HPGL, 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

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 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.
Ribbon Save Mode	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.

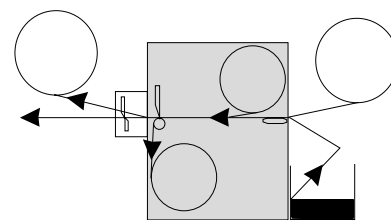
Integration of the printer into production lines is possible, controlled by GPIO-interface.

Customer / Application specific modifications possible.



Printable Media

Size	1" - 6" (25.4 - 154 mm) width printable width 4.2" (106 mm)
5" width	1" - 6" (25.4 - 154 mm) width 5" (128 mm) printable
Roll diameter	max. 210 mm (max 4,250 g)
Core diameter	1.5 / 3 / 4 Inch (38.1 - 102 mm)
Weight	max. 240 g/m²
Paper thickness	0.0078" - 0.035" (0.2 - 0.9 mm)
Thermal transfer	
Ribbon	roll diameter max. 3.54" (90 mm)
Core diameter	1" (25.4 mm)
Ribbon length	max. 600 m
Coated side	inside (outside possible)
Ribbon width	1.18" - 4.33" (30 - 110 mm)
5" width	1.18" - 5.2" (30 - 132 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 externer Rewinder
Single peel-off, Cutter
Job cutter

* 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

EMEA
APAC

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