



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 resolution

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

300 dpi x 300 dpi up to 50.000 m

 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) $370 \times 170 \times 205$ 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) 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

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

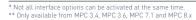
Intelligent barcode generation on-the-fly in the printer

Format splitting in several subformats by command

Optional functions

Integrated form management Forms and fonts can be stored in the flash memory

(RFM) and can be accessed when needed.



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Printable Media

Size 3.9" - 8.7" (100 - 222 mm) width

printable width max. 8.6" (219 mm) 0.0055" - 0.01" (0.14 - 0.25 mm)

Paper thickness 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

Registration of antenna position

automatic (depending on antenna design)

