microplex

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SOLID 58E MICR

FLEXIBLE DEPLOYMENT, IMPRESSIVE COST EFFECTIVENESS

Economical 18-Inch Continuous Laser Printer

HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Printing of cheques with MICR toner
- Cutter and tractor cassettes included
- USB, Ethernet (10/100 Mbit) as standard
- Laser and matrix printer compatible
- SAP® and AS/400 compatible (through PCL5 + JetCAPS as well as LAN-IPDS)
- Perfect control via Status Out and GPIO (optional)

FIELD OF APPLICATION

- Security - relevant documents / cheque printing
- Documents with 2D barcodes
- Documents with up to 18 inch material width



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SPECIFICATIONS

Print Engine

Print technology	LED, OPC, heat/pressure fixing
Controller	MPC 8.x
Print speed	up to 58 pages/minute (A4 2-up) 8,6 m/min
Print resolution	600 dpi x 600 dpi
Duty cycle	up to 300.000 pages (based on a using period of 60 months, 12 x 17 inch) max. up to 1.275.000 pages (12 x 17")
Power supply	230 VAC +/-10%, 50-60 Hz
Power consumption	7,5 A
Acoustic noise	< 55 dB (A)
Dimensions (WxDxH in mm)	890 x 780 x 350 mm 1120 x 780 x 1160 incl optional Stacker
Weight	164 kg (112 kg without options)
Environment temperature	15 - 30 °C
Relative humidity	25 - 55 % (rel., non-condensing)
Interfaces:	USB, Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)
Optional:	IEEE 1284 (Centronics) 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, µ-Postscript, LN03+, BULL-MP6090, Etimark MP-1220, TEC Bx72, TEC B6xx, Diablo 630, IBM Proprinter, EPSON FX-80 (ESC/P), MT-600/MT40, IDS, ANSI Genicom, TIFF, XML (SAP® RFID), CUPS Raster,

Optional Emulations

CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, IGP/PGL, Datamax, Labelpoint, LDC, ZPLII, EPL 2, Intermec Direct Protocol, IER Command, cab, Godex EZPL, HP Designjet, IPDS, AEA, PDF Direktdruck* (more emulations on request)

Barcodes

Codebar, Code39, MSI, PDF417, Interleaved 2/5, Interleaved 2/5 (3-stroke Datalogic), EAN-8, 13, 128, Interleaved 2/5 (3-stroke Matrix), 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
Integrated form management (RFM)	Forms and fonts can be stored in the flash memory and can be accessed when needed

Optional functions

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

Form length	76 - 610 mm (3" - 24")
With stacker	178 - 432 mm (7" - 17")
Form width	152 - 457 mm (6" - 18")
Printable area	432 mm (17")

Weight	64 - 155 g/m²

Paper Path

Input

2 independent, detachable tractor cassettes

Output

rear:	cutter

Optional

3.000 sheet stacker

* only available with MPC 3.4, MPC 7.1 and MPC 8.x

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