microplex

SOLID 85E

HIGH PERFORMANCE, IMPRESSIVE COST EFFECTIVENESS

Efficient Flash Fusing Printer for Sensitive Materials

HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Prints on paper, PVC, plastic, etc.
- USB, Ethernet (10/100/1000 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

FIELD OF APPLICATION

- Label batch printing
- Ticket printing
- Business and logistics documents

Print Engine

Print technology	LED, OPC, xenon flash lamp with halogen preheat
Controller	MPC 3.4
Print speed	3000 lpm (6 lpi)
	12,7 m/min
	up to 85 pages/minute (A4 2-up)
Print resolution	max. 600 dpi x 600 dpi
Duty cycle	up to 750.000 pages (A4 2-up)
	(based on a using period of 60 month)
Power supply	230 VAC +/-10% , 50 Hz (delivery with 32 Amp. connector)
Power consumption	max. 5.5 KVA (in operation)
	max. 0,6 KVA (in stand-by)
Dimensions (WxDxH in mm)	780 x 890 x 1320 (Printer only)
	780 x 935 x 1320 (Printer with Stacker)
Weight	275 kg (with Stacker)
Environment temperature	15 - 30°C
Relative humidity	30 - 80 % (rel., non-condensing)
Interfaces	USB
	Ethernet-Interface
	10/100/1000 MBit, bi-directional (TCP/IP)
Optional	IEEE 1284 (Centronics),
	WIFI IEEE 802.11 n/g/b,
	WEP mit 64 und 128 Bit, WPA/WPA2, WPA-PSK/WPA2-PSK
Memory	RAM: 4 GB
	Flash: 16 GB

MPC 3.4 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 Direct Printing* (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 compatibility	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.

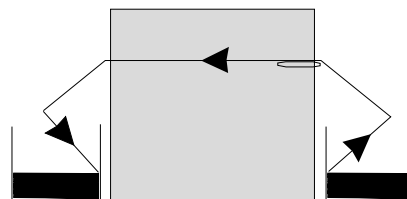Integration of the printer into production lines is possible, controlled by GPIO-interface

Customer / Application specific modifications possible.

Printable Media

Size	
Form length	7" - 24"
With stacker	7" - 14"
Form width	6" - 18"
Printable area	17"
Weight	60 - 204 g/m²

Paper Path

Input
push tractor

Output
stacker
capacity: 3.000 pages (at 64 g/m²)

PRINTING TECHNOLOGIES
ENGINEERED IN GERMANY