microplex
printware ag

SOLID 58E MICR

Ideal for:

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

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
> Perfect control via Status Out and GPIO (optional)

FLEXIBLE DEPLOYMENT,
IMPRESSIVE COST
EFFECTIVENESS

SOLID 58E MICR

The powerful and economical SOLID 58E can be flexibly deployed: thanks to the versatile Microplex Controller, it replaces matrix and laser printers and can be integrated in existing system environments with minimal effort. It is equipped with two tractor cassettes, an integrated cutter and can simultaneously print two A4 pages (2-up) at up to 58 pages per minute. For highest security needs, such as for printing checks, the SOLID 58E is equipped with MICR (Magnetic Ink Character Recognition) toner.

SOLID 58 MICR

SPECIFICATIONS

Print Engine

Print technology	LED, OPC, heat/pressure fixing
Controller	MPC 5.x with Intel XScale PXA 255 (400 MHz RISC processor)
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	220 V -10/+6%, 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	Serial: USB 1.1, RS232/RS422
	Parallel: IEEE 1284 (Centronics)
	LAN: Ethernet-Interface
	10/100 MBit, bi-directional (TCP/IP)
Memory	RAM: 128 MB
	Flash: 16 MB

MPC 5.3 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, MT-600/MT40, IDS, ANSI Genicom, TIFF, XML (SAP RFID), CUPS Raster

Optional Emulations

CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, IGP-10, Datamax (FGL), Datamax Labelpoint, LDC, ZPL II, EPL 2, UPI Fingerprint, IER Command, Godex EZPL, HP Designjet, IPDS, AEA, AFP, Status-Out)

Barcodes

Codebar, Code39, MSI, PDF417, Interleaved 2/5, Interleaved 2/5 (3-Strich Datalogic), EAN-8, 13, 128, Interleaved 2/5 (3-Strich Matrix), Add-On-Codes, Code11, Code93, Code 128, UPC-A, UPC-E

Optional Barcodes

Datamatrix, Maxi-Code, QR Code, Aztec-Code, USD-5 (more barcodes on request)

Additional functions

Intelligent barcode generation	**on-the-fly in the printer**
Format splitting	**in several subformats by command**
Integrated form management	**up to 12 MB flash for forms and fonts inside the printer**
Optional functions	

Status-Out

gives notice of each correctly printed page via interface

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

PRINTING TECHNOLOGIES
ENGINEERED IN GERMANY

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