

# 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 SPS Control (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.

## Print Engine

<b>Print technology</b>	LED, OPC, heat/pressure fixing
<b>Controller</b>	MPC 5.x with Intel XScale PXA 255 (400 MHz RISC processor)
<b>Print speed</b>	up to 58 pages/minute (A4 2up) 8,6 m/min
<b>Print resolution</b>	300 dpi x 300 dpi
<b>Duty cycle</b>	up to 300.000 pages (based on a using period of 60 months, 12x17 inch) max. up to 1.275.000 pages (12x17")
<b>Power supply</b>	220V -10/+6%, 50-60 Hz
<b>Power consumption</b>	7,5 A
<b>Acoustic noise</b>	< 55 dB (A)
<b>Dimensions (WxDxH in mm)</b>	890 x 780 x 350 1120 x780 x 1160 incl optional Stacker
<b>Weight</b>	164kg (112 kg without options)
<b>Environment temperature</b>	15 - 30 °C
<b>Relative humidity</b>	25 - 55 % (rel., non-condensing)
<b>Interfaces</b>	Serial: USB 1.1, RS232/RS422 Parallel: IEEE 1284 (Centronics) LAN: Ethernet-Interface 10/100 MBit, bi-direktional (TCP/IP)
<b>Memory</b>	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

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

### 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/m<sup>2</sup>

## Paper Path

### Input

2 independent, detachable tractor cassettes

### Output

rear: cutter

### Optional

3.000 sheet stacker

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