

# SOLID F40

## Ideal for:

- > Label batch printing
- > Ticket printing
- > Business and logistics documents
- > Replacement printer of choice for discontinued laser printers
- > Perfect upgrade from matrix printers to laser

## HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- > Most economical cold fusing printer on the market
- > Prints on paper, PVC, plastic, etc.
- > USB, Ethernet (10/100 Mbit) as standard
- > Laser and matrix printer compatible
- > SAP with the standard PCL5e emulation
- > Perfect control via Status Out
- > Optional IPDS emulation making it the printer of choice for IBM solutions

**HIGH PERFORMANCE,  
IMPRESSIVE COST  
EFFECTIVENESS**



## SOLID F40

Inexpensive to purchase, inexpensive to operate: the SOLID F40 is the most economical printer in its class. As a continuous laser printer for medium printing volumes it covers a very broad spectrum of deployment areas. The powerful Microplex Controller guarantees connection versatility, easy system integration and high printing performance. Cold fusing via Xenon flash lamps also enables thermally sensitive materials such as plastic or PVC to be used. And fusing is also trouble-free even on thick materials.

## Print Engine

<b>Print technology</b>	LED, OPC Xenon-flash lamp
<b>Controller</b>	MPC 3.3 with Intel CPU (>2 GHz CISC Processor)
<b>Print speed</b>	2000 lpm (6 lpi) up to 40 pages/minute (A4 landscape) 8,4 m/min
<b>Print resolution</b>	max. 600 dpi x 600 dpi
<b>Duty cycle</b>	up to 300.000 pages (based on a using period of 60 months)
<b>Power supply</b>	230V +/-10% /50 Hz
<b>Power consumption</b>	max 3,0 kVA (delivery with 16Amp. CEE connector)
<b>Acoustic noise</b>	< 55 dB (A)
<b>Dimensions (WxDxH in mm)</b>	805 x 850 x 1250
<b>Weight</b>	240 kg (incl. Stacker)
<b>Environment temperature</b>	10 - 30°C
<b>Relative humidity</b>	30 - 80 % (rel., non-condensing)
<b>Interfaces</b>	Serial: USB 2.0 Parallel: IEEE 1284 (Centronics) LAN: Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)
<b>Memory</b>	RAM: 512MB Flash: 64MB

## MPC 3.3 High-End Print-Controller

### Emulations

MICROPLEX IDOL, HP-PCL5/ HPGL, AGFA Reno,  $\mu$ -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 (more emulations on request)

### 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>	on-the-fly in the printer
<b>Format splitting</b>	in several subformats by command
<b>Integrated form management</b>	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.



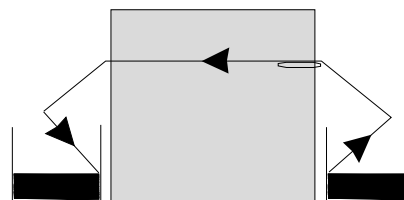
## Printable Media

### Size

Form length	7" - 24"
With stacker	8" - 14"
Form width	6,5" - 16"
Printable area	14,6"

### Weight

60 - 204 g/m<sup>2</sup>



## Paper Path

### Input

push tractor

### Output

#### stacker

capacity: 3.000 pages (at 64 g/m<sup>2</sup>)  
(minimal weight (64 g / m<sup>2</sup>) depending on paper properties and quality of material conversion)

The brand names referred to are the registered trademarks of the respective companies. All figures and details in italics and highlighted in color are optional. Technical data is subject to change. The information contained in this specification sheet refers exclusively to the described details and not to warranted characteristics. No guarantee is assumed. The information do not exempt from the obligation for inspection of each respective individual case. Version 01.03.2018

Microplex Printware AG  
Panzerstraße 5 | 26316 Varel | Germany  
phone +49 4451 91 37-0 | fax +49 4451 91 37-49

