

# SOLID 45ET

## Ideal for:

- Stickers, labels and tags
- Workflow documents
- Real-time or batch processing
- Top sheet printing

## HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Fast interruption-free printing or two formats with optional Dual Tractor system
- Completely trouble-free paper handling
- First page after just 2 seconds
- Up to 45 pages per minute
- SAP and AS/400 compatible through PCL5 + JetCAPS as well as LAN-IPDS
- Compatible with standard laser printers

## MAXIMUM PERFORMANCE FOR SMOOTH PRODUCTION AND LOGISTICS PROCESSES



## SOLID 45ET

The SOLID 45ET is a robust 8-inch production thermal printer, designed for toughest demands. Its sophisticated paper tractor feed system is constructed for highest functional reliability and for secure, trouble-free paper feeds at all times. PCL5 ensures compatibility with all standard laser printers and connection to SAP. The rapid start-up time, fast printing speed and reliable paper feed at all times predestine the SOLID 45ET for smooth integration in demanding logistics and production processes. The optional 'Dual tractor' system allows for fast, interruption-free printing – or for printing on two different media types.

## Print Engine

<b>Print technology</b>	Thermal transfer/direct thermal harmonic (history-controlled near-edge print head)
<b>Controller</b>	MPC 5.3
<b>Print speed</b>	up to 45 pages/min
<b>Print resolution</b>	300 dpi x 300 dpi
<b>Lifetime print head</b>	Transfer: up to 50.000 m Direct: bis zu 25.000 m
<b>Power supply</b>	110/240 V autoselect
<b>Power consumption</b>	3,2 A
<b>Dimensions (WxDxH in mm)</b>	490 x 760 x 305 mm
<b>Weight</b>	30 kg
<b>Environment temperature</b>	5 - 35°C
<b>Relative humidity</b>	45 - 75 % (rel., non-condensing)
<b>Interfaces</b>	USB, RS232, RS422 IEEE 1284 Ethernet-interface 10/100 MBit, bi-directional (TCP/IP)
<b>Memory</b>	RAM: 64 MB Flash: 16 MB

## MPC 5.3 High-End Print-Controller

### Emulations

MICROPLEX IDOL, HP-PCL5/ HPGL, cab, AGFA Reno, LN03+, BULL-MP6090, Datamax (FGL), Etimark MP-1220, TEC Bx72, TEC B6xx, LDC, ZPL II, EPL2, UBI Fingerprint, IER Command, Godex EZPL, Diablo 630, IBM Proprinter, Epson FX-80, MT-600/MT40, IDS, ANSI Genicom, TIFF, HP Designjet, XML (SAP RFID), CUPS Raster

### Optional Emulations

µ-Postscript, CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, IGP-10, Datamax Labelpoint, IPDS, AEA, AFP, RFM (more emulations on request)

### Barcodes

QR Code, EAN 8, 13, 128, add on, 2/5 3-stroke Datalogic, 2/5 3-stroke Matrix, Codabar, PDF 417, Royalbar, Planet, Jetcaps (HP/SAP), Code 39, 128 MSI, UPC A, E, Postnet, KIX, USPS One Code

### Optional Barcodes

USD5, Aztec-Code, UPS-Maxicode, Datamatrix (more barcodes on request)

### Additional functions

Intelligent barcode generation on-the-fly in the printer  
in several subformats by command

### Format splitting

### Ribbon Save Mode

active from 12 mm unprinted length, to save ribbon

### Optional functions

### Integrated form management

Up to 12 MB flash for forms and fonts inside the printer.

### 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.

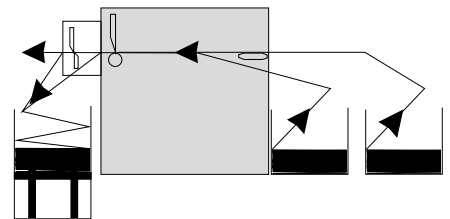
Integration of the printer into production lines is possible, controlled by GPIO-interface.

Customer and application specific modifications possible.



## Printable Media

<b>Size</b>	
<b>Width</b>	110 - 240 mm width printable width 213 mm
<b>Weight</b>	max. 120 g/m <sup>2</sup> at suitable quality up to 160 g/m <sup>2</sup>
<b>Paper thickness</b>	0.2 - 0.9 mm
<b>Thermal transfer ribbon</b>	roll diameter max. 90 mm
<b>core diameter</b>	1 inch (25.4 mm)
<b>ribbon length</b>	max. 600 m
<b>Coated side</b>	inside (outside possible)
<b>Ribbon width</b>	40 - 217 mm



## Paper Path

### Input

Continuous  
internal from roll, external, e.g. fanfold

### Optional

dual tractor version as factory option (SOLID 45ET-2)  
sensor for backside marking

### Optional

Single / Job                      cutter

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 08.10.2019

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

