



# SOLID 45ET

**MAXIMUM  
PERFORMANCE FOR  
SMOOTH PRODUCTION  
AND LOGISTICS  
PROCESSES**

## 8-Inch-Tractor-Thermal Printer for the Toughest Continuous Operation

### 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

### FIELD OF APPLICATION

- Stickers, labels and tags up to DIN A4
- Top sheet printing in the newspaper industry
- Fast real-time or batch processing
- Suitable for the toughest continuous use



## 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 Direkt: bis zu 25.000 m
<b>Power supply</b>	110/240 VAC autoselect
<b>Power consumption</b>	3.2 A
<b>Dimensions (WxDxH)</b>	19.3" (490 mm) x 29.9" (760 mm) x 12" (305 mm)
<b>Weight</b>	66.2 lbs (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, IGP/PGL, AGFA Reno, LN03+, BULL-MP6090, Datamax, Etimark MP-1220, TEC Bx72, TEC B6xx, LDC, ZPL II, EPL2, Intermec Direct Protocol, 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, Datamax Labelpoint, IPDS, cab, AEA, (more emulations on request)

### Barcodes

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

### Optional Barcodes (Barcode 2)

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

### Additional functions

<b>Network capabilities</b>	authentication standard IEEE 802.1X
<b>Intelligent barcode generation</b>	on-the-fly in the printer
<b>Format splitting</b>	in several subformats by command
<b>Ribbon Save Mode</b>	active from 12 mm unprinted length, to save ribbon

### Optional functions

#### Integrated form management (RFM)

Forms and fonts can be stored in the flash memory and can be accessed when needed.

#### 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.

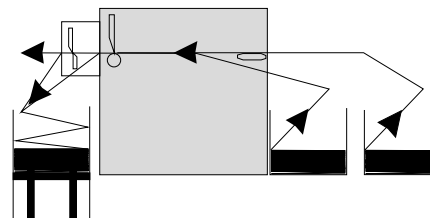
Integration of the printer into production lines is possible, controlled by GPIO-interface.

Customer / Application specific modifications possible.



## Printable Media

<b>Size</b>	
<b>Width</b>	4.33" - 9.45" (110 - 240 mm) width printable width 8.4" (213 mm)
<b>Weight</b>	max. 120 g/m² at suitable quality up to 160 g/m²
<b>Paper thickness</b>	0.0078" - 0.035" (0.2 - 0.9 mm)
<b>Thermal transfer ribbon</b>	roll diameter max. 3.54" (90 mm)
<b>core diameter</b>	1" (25.4 mm)
<b>ribbon length</b>	max. 600 m
<b>Coated side</b>	inside (outside possible)
<b>Ribbon width</b>	1.57" - 8.54" (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

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