



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

Print technology	Thermal transfer/direct thermal harmonic (history-controlled near-edge print head)
Controller	MPC 5.3
Print speed	up to 45 pages/min
Print resolution	300 dpi x 300 dpi
Lifetime print head	Transfer: up to 50.000 m Direkt: bis zu 25.000 m
Power supply	110/240 VAC autoselect
Power consumption	3.2 A
Dimensions (WxDxH)	19.3" (490 mm) x 29.9" (760 mm) x 12" (305 mm)
Weight	66.2 lbs (30 kg)
Environment temperature	5 - 35°C
Relative humidity	45 - 75 % (rel., non-condensing)
Interfaces	USB, RS232, RS422 IEEE 1284 Ethernet-interface 10/100 MBit, bi-directional (TCP/IP)
Memory	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

Network capabilities	authentication standard IEEE 802.1X
Intelligent barcode generation	on-the-fly in the printer
Format splitting	in several subformats by command
Ribbon Save Mode	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.

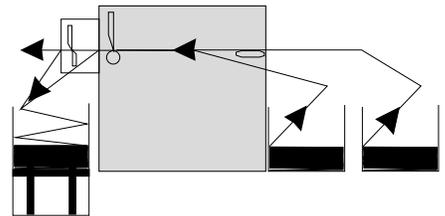
Integration of the printer into production lines is possible, controlled by GPIO-interface.

Customer / Application specific modifications possible.



Printable Media

Size	
Width	4.33" - 9.45" (110 - 240 mm) width printable width 8.4" (213 mm)
Weight	max. 120 g/m ² at suitable quality up to 160 g/m ²
Paper thickness	0.0078" - 0.035" (0.2 - 0.9 mm)
Thermal transfer ribbon	roll diameter max. 3.54" (90 mm)
core diameter	1" (25.4 mm)
ribbon length	max. 600 m
Coated side	inside (outside possible)
Ribbon width	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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