



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 in mm) | 490 x 760 x 305 mm |
| Weight | 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

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 (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.

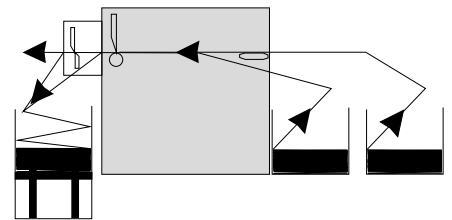
Integration of the printer into production lines is possible, controlled by GPIO-interface.

Customer / Application specific modifications possible.



Printable Media

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

Alle Version genannten Produktnamen sind Warenzeichen und/oder eingetragene Marken der jeweiligen Firmen. Technische Daten können jederzeit ohne vorherige Ankündigung geändert werden. Alle in diesem Datenblatt gemachten Angaben, Preise und Spezifikationen dienen nur der Produktbeschreibung und erfolgen ohne Gewähr. Es obliegt dem Käufer sich zu vergewissern, dass die Eigenschaften des Produkts seinen Anforderungen im Hinblick auf Installation und Betrieb erfüllen. Version 16.03.2023

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APAC

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