# SOLID T8

## Ideal for:

> Stickers, labels and tags as well as VDA and Odette labels
> Fast on-demand printing or batch processing
> Toughest continuous use (24/7)
> A5 Pallet labels (wide way leading)

## HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

> Easy handling of consumables
> USB, Ethernet (10/100 Mbit) as standard
> Laser printer compatible
> SAP with the standard PCL5e emulation
> Very high printing speed
> Robust metal case
> Optional IPDS emulation making it the printer of choice for IBM solutions

# MAXIMUM FLEXIBILITY
# FOR SMOOTH PRODUCTION
# AND LOGISTICS PROCESSES

## SOLID T8

The SOLID T8 is a robust 8-inch thermal printer designed to cope with the toughest continuous demands in production and logistics. It prints fast and efficiently on all common materials up to 240 g/m², either in high-grade thermal transfer quality or with economical and especially efficient direct thermal printing. The SOLID T8 features impressively high 300dpi resolution. The tremendous performance of the flexible Microplex Controller guarantees a fast first page, making it ideal for exacting print-on-demand requirements.

### Print Engine

| | |
|---|---|
| Print technology | Thermal transfer/direct thermal harmonic (history-controlled near-edge print head) MPC 5.3 |
| Controller | with Intel XScale PXA 255 (400-MHz-RISC-Processor) |
| Print speed | up to 300 mm/s |
| | up to 12 inch/s |
| Print resolution | 300 dpi x 300 dpi |
| Lifetime print head | Transfer: up to 50,000 m |
| Power supply | 100 - 240 VAC, 50/60 Hz |
| Power consumption | 3.2A |
| Dimensions (WxDxH) | 17.7 in x 19.3 in x 12 in / 450mm x 490mm x 305mm |
| Weight | 57 lbs / 26 kg (without options) |
| Environment temperature | 41 - 95°F / 5 - 35°C |
| Relative humidity | 45 - 75 % (rel., non condensing) |
| Interfaces | Serial: USB, RS232, RS422 |
| | Parallel: IEEE 1284 |
| | LAN: Ethernet-Interface |
| | 10/100 MBit, bi-directional (TCP/IP) |
| Memory | RAM: 4 MB Flash: 16 MB |

### MPC 5.3 High-End Print-Controller

**Emulations**

MICROPLEX IDOL, HP-PCL5/ HPGL, 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 Pro-printer, 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 |
| Format splitting | in several subformats by command |
| 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
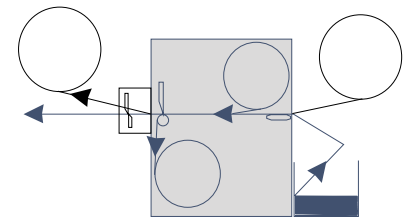
**SPS-Control (EMBEDDED INTELLIGENCE - Enabling two-way communication between printer and a PLC)**
integration of the printer into production lines is possible, controlled by SPS-interface.

### Printable Media

| | |
|---|---|
| Size | 100 - 254 mm width: printable width 213 mm |
| Weight | max. 240 g/m² |
| 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 |
| Ribbon width | 30 - 217 mm |

### Paper Path

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

**Output**

| | |
|---|---|
| Single / Job | tear-off |

**Optional**

| | |
|---|---|
| Continuous | externer Rewinder |
| Single | peel-off, cutter (up to 160 g/m²) |
| Job | cutter (up to 160 g/m²) |

PRINTING TECHNOLOGIES
ENGINEERED IN GERMANY