

# SOLID T4-2

## Ideal for:

- Stickers, labels and tags
- Fast just-in-time printing or batch processing
- Toughest continuous use (24/7)

## HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Optionally available in 5-inch width
- 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 T4-2

The SOLID T4-2 is a robust 4-inch thermal printer (optional 5-inch printing width), designed to cope with the toughest demands in production and logistics. It prints fast and efficiently on all common materials up to 240 g/m<sup>2</sup>, either in high-grade thermal transfer quality or with economical and especially efficient direct thermal printing. The SOLID T4-2 features impressive 300dpi resolution – enabling, for example, very small barcodes or graphics to be depicted in clear, razor sharp quality. The tremendous performance of the flexible Microplex Controller guarantees the strikingly fast printing speeds at all times.

## Print Engine

<b>Print technology</b>	Thermal transfer/direct thermal harmonic (history-controlled near-edge print head)
<b>Controller</b>	MPC 5.3 with Intel XScale PXA 255 (400 MHz RISC processor)
<b>Print speed</b>	up to 300 mm/s up to 12 inch/s
<b>Print resolution</b>	300 dpi x 300 dpi
<b>Lifetime print head</b>	Transfer: up to 50.000 m
<b>Power supply</b>	100 - 240 VAC, 50/60 Hz
<b>Power consumption</b>	3,2A
<b>Dimensions (WxDxH in mm)</b>	320 x 490 x 305
<b>Weight</b>	18,5kg
<b>Environment temperature</b>	5 - 35°C
<b>Relative humidity</b>	45 - 75 % (rel., non-condensing)
<b>Interfaces</b>	Serial: USB, RS232, RS422 Parallel: IEEE 1284 LAN: 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, 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

<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

up to 12 MB flash for forms and fonts inside the printer

### Status-Out

gives notice of each correctly printed page via interface

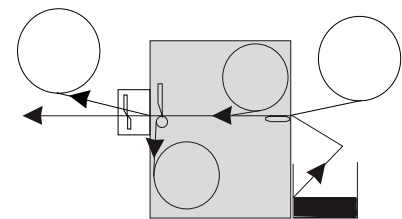
### SPS-Control (EMBEDDED INTELLIGENCE - Enabling two-way communication between printer and a PLC)

integration of the printer into production lines is possible, controlled by SPS-interface.



## Printable Media

<b>Size</b>	25,4 - 154 mm width printable width 106 mm
5" width	25,4 - 154 mm width 128 mm printable
<b>Weight</b>	max. 240 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
<b>Ribbon width</b>	30 - 110 mm
<b>5" width</b>	30 - 132 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  
Job                                  cutter

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