

## Microplex Printware Corp

A German development company with a diverse product range of professional printers with highly flexible areas of deployment. Geared towards applications in the industrial and logistics sectors, Microplex products surpass both the performance of most other printers and the expectations of our customers.



Hazardous warning  
Labels  
printed on-demand

# logiJET TC8

### Perfect for:

- > Hazardous materials labeling
- > Price labeling
- > Logistics, Pharmaceuticals
- > Batch printing with variable data

### HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- > GHS-compliant hazardous materials labeling
- > Two color printing to ensure higher visual impact
- > Completely trouble-free paper handling
- > Print speed up to 150mm per Second
- > SAP- und AS/400-compatible (through PCL5 + JetCAPS as well as LAN-IPDS)
- > Compatible with standard laser printers

For more information please contact us:

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MAXIMUM PERFORMANCE  
FOR SMOOTH PRODUCTION  
AND LOGISTICS PROCESSES



PRINTING TECHNOLOGIES  
ENGINEERED IN GERMANY

SAP compatible, 8 inch width, 150 mm/s, ...



# MAXIMUM PERFORMANCE FOR SMOOTH PRODUCTION AND LOGISTICS PROCESSES



## Seamless integration into all common systems

Microplex logiJET TC8 2-color thermal printers can be integrated into most common production systems like SAP, IBM, Windows and many more. The main feature for achieving this goal is the support of the PCL5c laser printer language. Furthermore IPDS and many other emulations are supported. No middleware or software modifications are necessary

- Direct support of SAP environment with HP PCL5c emulation
- No middleware needed
- No software modification necessary
- Batch printing with variable data

## Multiple configurations can realise any application

Microplex printers with its multi intelligence controller provides multiple configuration possibilities. Via configuration the printers can be adjusted to nearly any application requirement. More than 30 printer emulations can be selected. Every emulation can be fine tuned. Beside software signals via SNMP and Status-Out also electrical signals can be used to control the machinery and establish a real handshake between printer and system.

- Fully compliant to the BS5609 regulation for sea transportation
- Ultra wide paper format up to 228mm, 219mm printable (A4 label possible)
- Labels up to 228mm width and nearly infinite length are possible
- Windows driver supports easy to use handling with all Windows versions
- Many other emulations like Prescribe II e, Epson ESC, CODE-V, ...
- Batch printing from roll-to-roll, Small foot print - 39cm x 42cm
- Fine tuning by „x“ and „y“ adjustment to get perfect image register.

The logiJET TC8 is a thermal transfer printer perfectly suitable for industrial applications.

The two robust print modules can be loaded with two different color ribbons. The logiJET TC8 is PCL5c compatible and can thus be operated like a laser printer. In this way it is not necessary to put up with adaptations and power drains at SAP-applications or in the progress of changing from a laser printer to a thermal printer. A Microplex Windows driver supports all current versions of the Microsoft operating systems, 32 bit and 64 bit.



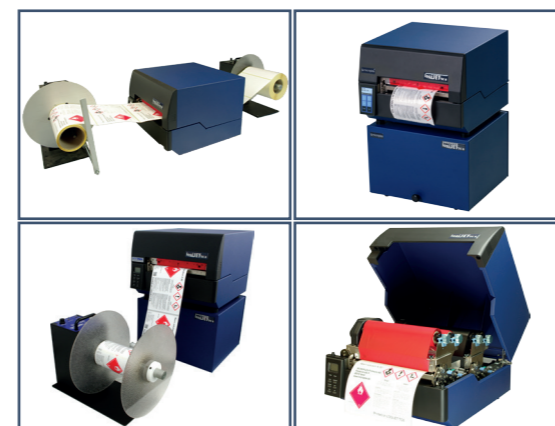
Simple and easy  
connection



The logiJET TC8 is successfully in use at these companies for example:

- DOW Chemicals
- Exxon Mobil
- Chevron Corporation
- Sadara Chemical
- Rheinchemie
- Clariant AG
- Lanxess AG

The logiJET TC8 can print on any relevant material like paper, PE, PP, etc. in order to fulfill **GHS / CLP regulations and BS5609** i.e.



## logiJET TC8



### Print Engine

|                                 |  |
|---------------------------------|--|
| <b>Print technology</b>         | Thermal Transfer harmonic (history-controlled flat head technology)  |
| <b>Controller</b>               | MPC 5.4 with INTEL XScale PXA255 CPU (400-MHz-RISC-Prozessor)  |
| <b>Print speed</b>              | up to 150 mm/s<br>up to 6 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>             | AC 100 - 120, 200 - 240 V, 50/60 Hz  |
| <b>Power consumption</b>        | 6,0A   |
| <b>Dimensions (WxDxH in mm)</b> | 389 x 420 x 293  |
| <b>Weight</b>                   | 21kg (without options)   |
| <b>Environment temperature</b>  | 5 - 35°C   |
| <b>Relative humidity</b>        | 45 - 75 % (rel., non-condensing)   |
| <b>Interfaces</b>               | Serial: USB<br>Parallel: IEEE 1284 (Centronics)<br>LAN: Ethernet-Interface<br>10/100 MBit, bi-directional (TCP/IP)<br>Optional: RS232, RS422 |
| <b>Memory</b>                   | RAM: 64MB<br>Flash: 16MB   |
| <b>Display</b>                  | Color-Touch-Panel 3.7 inch (480x242 pixel)   |



### MPC 5.4 High-End Print-Controller

#### Emulations

MICROPLEX IDOL, HP PCL 5c, Epson FX-80, Datamax, EPL, IBM Proprinter, Diablo 630, MT 40, ZPLII, CUPS-Raster

#### Optional Emulations

IPDS, Printronix IGP/PGL, µ-Postscript, TIFF, Magnum Code V, Kyocera Prescribe II, (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

#### Additional functions

|                                       |  |
|---------------------------------------|--|
| <b>Intelligent barcode generation</b> | on-the-fly in the printer                                |
| <b>Format splitting</b>               | in several subformats by command                         |
| <b>Integrated form management</b>     | up to 12 MB flash for forms and fonts inside the printer |

#### Optional functions

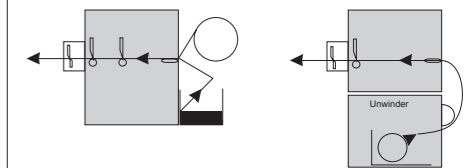
|   |  |
|---|--|
| <b>Integrated form management</b>   | up to 12 MB flash for forms and fonts inside the printer                                   |
| <b>Status-Out</b>   | gives notice of each correctly printed page via interface                                  |
| <b>SPS-Control (EMBEDDED INTELLIGENCE - Enabling two-way communication between printer and a PLC)</b> | integration of the printer into production lines is possible, controlled by SPS-interface. |

## SPECIFICATIONS



### Printable Media

|                                |  |
|--------------------------------|--|
| <b>Size</b>                    | 100 - 222 mm width<br>printable width max.<br>219 mm |
| <b>Paper thickness</b>         | 0,14 mm - 0,25 mm                                    |
| <b>Thermal transfer ribbon</b> | roll diameter max. 78 mm                             |
| <b>Core diameter</b>           | 1 inch / 25,4 mm                                     |
| <b>Ribbon length</b>           | max. 450 m   |
| <b>Coated side</b>             | outside  |
| <b>Ribbon width</b>            | max. 220 mm  |



### Paper Path

#### Input

continuous  
external from roll  
external, e.g. fanfold  
sensor for black mark and label gap (reflection and transmissive)

#### Optional

unwinder  
Size: 100 - 220 mm width  
Label roll diameter max. 203 mm  
Core diameter 3 inch / 76,2 mm

#### Output

Batch tear-off

The interplay of the surface material and adhesive is decisive for the quality and longevity of hazardous goods labels. Liquids, oil, grease, soapsuds, solvents, acids or salt water should not have a negative impact on the labeling or adhesive. This demands the use of advanced materials – and powerful printers capable of handling such materials easily, swiftly and reliably. Thanks to GHS-compliant printing, continuous batch processing and an optimal processing sequence, Microplex logiJET TC8 fulfill such demanding tasks with impressive speed and at a level of quality you can always rely on – even under the most challenging conditions.