

# SOLID 45 TFT

## MICROPLEX®

Maximal "just-in-time" speed  
for production and logistics



HIGH-END PRINT-CONTROLLER

**MPC**  
inside  
**5.X**  
FUNCTIONS  
EMULATIONS  
SPEED

barcodes  
**1/2D**  
"on-the-fly"

emulation  
**IGP**

function  
integrated  
**FORM**  
management

emulation  
**PCL 5e**

ready for...  
**PRINT  
PLEX**  
printmanagement  
software

function  
**SPS**  
CONTROL

emulation  
**MAGNUM  
CODE V**

ready for...  
LAN-admin.  
**IP-  
ADMIN**

function  
**status out  
PAGE  
CONTROL**

emulation  
**ZPLII**

ready for...  
**SAFE  
PRINT**  
safe clustering and  
printout supervision

control  
LAN-admin.  
**IP-  
PANEL**

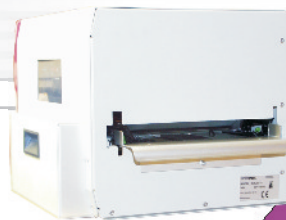
emulation  
**KODE  
SCRIPT**

300 dpi  
45 pages/minute  
8" print width

more than  
**30**  
emulations

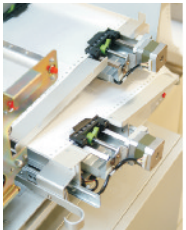
### Applications

- ... batch applications
- ... just-in-time applications
- ... labels and tags
- ... workflow papers



### FUNCTIONAL-SAFE TRACTOR FEEDING

### INTERRUPTION-FREE PRINTING OR PRINTING WITH TWO DIFFERENT FORMATS



### FIRST PAGE WITHIN 2 SECONDS AT 45 PAGES/MINUTE

### SAP- AND AS/400-COMPATIBLE by PCL5e + Jetcaps and LAN-IPDS

[www.microplex.de](http://www.microplex.de)

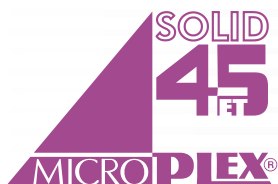
**MICROPLEX**  
Printware AG  
Panzerstraße 5  
D-26316 Varel

Tel. +49.4451.9137.0  
Fax +49.4451.81063

Email [info@microplex.de](mailto:info@microplex.de)



# MICROPLEX®



The SOLID 45ET is an 8-inch thermal printer in most robust construction and equipped with a tractor system for functional-safe paper feeding. PCL5 makes the printer compatible with laser printers and ideally suited for SAP applications. The extremely fast first page and the safe paper feeding provide for an optimal applicability in the process of printing of all logistic supporting documents. The optional dual tractor system enables the interruption-free printing or the exchanging use of two media.

# SPECIFICATIONS

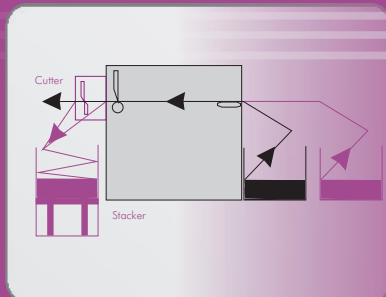
## Print Engine

<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>Resolution</b>	max. 300 dpi x 300 dpi	
<b>Lifetime print head</b>	up to 50.000 m	
<b>Power supply</b>	110/230V Autoselect (250 W / 3,2 A)	
<b>Dimensions (WxDxH in mm)</b>	450 x 490 x 305	
<b>Weight (without cutter)</b>	26 kg	
<b>Environment</b>	rel. h. 45 - 75 % temp. 5 - 35°C	
<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.x High-End Print Controller

<b>Emulations</b>	MICROPLEX IDOL HP PCL 5e Epson FX-80 Datamax	IBM Proprinter Diablo 630 ZPLII EPL
<b>Optional Emulations</b>	Printronix IGP PGL, TIFF $\mu$ -Postscript	Magnum Code V Kyocera Prescribe Express IPDS <i>(more emulations on request)</i>
<b>Barcodes</b>	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
<b>Optional Barcodes</b>	USD5 Aztec-Code	UPS-Maxicode Datamatrix <i>(more barcodes on request)</i>
<b>Functions</b>	Intelligent barcode generation on-the-fly in the printer	
<b>Optional Functions</b>	Format splitting in several subformats by command	
	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 integration of the printer into production lines is possible, controlled by SPS-interface.	

## Paper Path



## Feeder/Stacker

<b>Input</b>	continuous	fanfold via tractor feeder <i>option: dual tractor version as factory option sensor for backside marking</i>
<b>Output</b>	single	<i>optional: cutter</i>
	job	<i>optional: cutter optional: stacker, 2.500 sheets</i>

## Media

<b>Size</b>	width: 110 - 240 mm printable: 213 mm	
<b>Weight</b>	max. 120 g/m <sup>2</sup> at suitable quality up to 160 g/m <sup>2</sup>	
<b>Thickness</b>	0.2 - 0.9 mm	
<b>Ribbon</b>	roll diameter core diameter ribbon length coated site width	max. 90 mm 1 inch (25.4 mm) max. 600 m inside 40 - 217 mm

## Further Products

### Special thermal family

logiJET<sup>30</sup>



Thermo  
30  
pages/minute  
300  
dpi  
8"  
print width

SOLID 45ET with dual tractor for interruption-free printing or use of different media



[www.microplex.de](http://www.microplex.de)

**MICROPLEX**  
Printware AG

Panzerstraße 5  
D-26316 Varel

Tel. +49.4451.9137.0  
Fax +49.4451.81063

Email [info@microplex.de](mailto:info@microplex.de)



Product names mentioned here are trademarks and/or registered trademarks of their respective companies. All coloured and italic printed items are options. Technical specifications may be changed at any time without notice. All written numbers, prices and specifications in this data sheet are for description purposes only. No promise or guarantee is made as to the accuracy of the numbers, prices or specifications provided and furthermore no guarantee is provided that the numbers / prices quoted or specifications given will be that of the final product purchased. It remains the duty of the buyer to confirm and prove that the specifications provided in the product meet with the buyers needs regarding the buyers specific application and/or installation.

MICROPLEX®