

# SOLID T8

MICROPLEX®

Robust and intelligent  
for production  
and commissioning



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**

more than  
**30**  
emulations

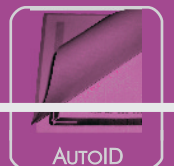
300 dpi  
300 mm/s  
8" print width

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

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#### Applications

- ... labels and tags
- ... from roll or leporello
- ... just-in-time or batch printing
- ... VDA labels and Odette labels

#### ROBUST METAL CASE

Ideally suited for the rough industrial daily routine

#### COMPATIBLE WITH LASER PRINTERS

#### SAP- AND AS/400-COMPATIBLE

Supports PCL5e+Jetcaps and LAN-IPDS

#### HIGH SPEED

BY NEAR-EDGE TECHNOLOGY

#### EASY HANDLING

OF THE CONSUMABLES

#### PROCESS INTEGRATION

VIA SPS-CONTROL

#### USB+ETHERNET AS

STANDARD EQUIPMENT

MICROPLEX®



The SOLID T8 is an 8-inch thermal printer with a most robust design and thus suited for applications in the rough industrial environment. Easiest operation and the integrated intelligence guarantee a safe business. PCL5e makes the printer compatible with laser printers and optimal for SAP-applications, the fast first page enables print-on-demand applications.

# SPECIFICATIONS

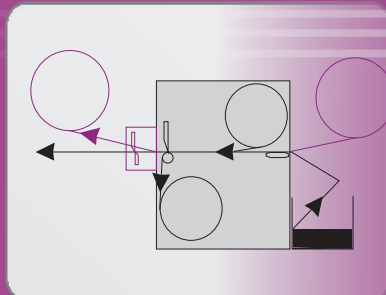
## Print Engine

<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 USD5 Aztec-Code	Jetcaps (HP/SAP) Code 39 128 MSI UPC A, E Postnet, KIX USPS One Code UP5-Maxicode Datamatrix <i>(more barcodes on request)</i>
<b>Functions</b>	Intelligent barcode generation on-the-fly in the printer	
<b>Optional Functions</b>	<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  <b>Status-out</b> gives notice of each correctly printed page via interface  <b>SPS-Control</b> integration of the printer into production lines is possible, controlled by SPS-interface.	

## Paper Path



## Feeder/Stacker

<b>Input</b>	continuous	internal from roll external, e.g. fanfold
<b>Output</b>	continuous	option: external rewinder
	single	tear-off option: peel-off, cutter
	job	tear-off option: cutter

## Media

<b>Size</b>	width: 100 - 254 mm printable: 213 mm
<b>Weight</b>	max. 240 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 30 - 217 mm

## Further Products

### Near-edge thermal printers

**SOLID T4** Thermal  
MICROPLEX® 300 mm/seconds  
300 dpi  
4/5" print width

**SOLID T6** Thermal  
MICROPLEX® 300 mm/seconds  
300 dpi  
6" print width

**SOLID T8** Thermal  
MICROPLEX® 300 mm/secunde  
300 dpi  
8" print width

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