microplex

SOLID T4-3

MAXIMUM FLEXIBILITY FOR **SMOOTH PRODUCTION** AND LOGISTICS **PROCESSES**

4-Inch Thermal Printer for the Toughest Continuous use

HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- ❯ Optional with cutter and internal rewider
- ❯ USB, Ethernet (10/100 Mbit) as standard
- ❯ Laser printer compatible
- ❯ SAP® and AS/400 compatible (through PCL5 + JetCAPS as well as LAN-IPDS)
- ❯ Very high printing speed (up to 16 inch per second)
- ❯ Robust metal case

FIELD OF APPLICATION

- ❯ Stickers, shipping labels and tags
- ❯ Fast just-in-time printing or batch processing
- ❯ Suitable for the toughest continuous loads
- ❯ For the most demanding production and logistics applications in plant engineering, automotive, logistics, e-commerce, retail, etc.

Print Engine

Print technology	Thermal transfer/direct thermal harmonic (corner-edge print head)
Controller	MPC 8.x
Print speed	up to 406 mm/s
	up to 16 inch/s
Print resolution	300 dpi x 300 dpi
Lifetime print head	Transfer: up to 50.000 m,
	Direct: up to 25.000m
Power supply	110/240VAC, 50/60Hz
Power consumption	3,9 A
Dimensions (WxDxH in mm)	312 x 496 x 330
Weight	18,6 kg (without options)
Environment temperature	5 - 40°C
Relative humidity	20 - 85 % (rel., non-condensing)
Interfaces	USB, RS232, RS422
	Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)
Optional*	IEEE 1284 (Centronics)
	WIFI: IEEE 802.11 n/g/b, WEP with 64 and 128 Bit, WPA/WPA2, WPA-PSK/WPA2-PSK
Memory	RAM: 256 MB
	Flash: 256 MB

MPC 8.x High-End Print-Controller

Emulations

MICROPLEX IDOL, HP-PCL5/ HPGL, AGFA Reno, LN03+, BULL-MP6090, IGP/PGL, Datamax, Etimark MP-1220, TEC Bx72, TEC B6xx, LDC, ZPL II, EPL2, Intermec Direct Protocol, IER Command, cab, Godex EZPL, Diablo 630, IBM Proprinter, Epson FX-80 (ESC/P), MT-600/MT40, IDS, ANSI Genicom, TIFF, HP Designjet, XML (SAP® RFID), CUPS Raster, PDF Direct Printing**

Optional Emulations

µ-Postscript, CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, Labelpoint, IPDS, AEA, (more emulations on request)

Barcodes

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 (Barcode 2)

Datamatrix, Maxi-Code, QR Code, Aztec-Code, USD-5 (more barcodes on request)

Additional functions

Network capabilities	authentication standard IEEE 802.1X
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 (RFM)

Forms and fonts can be stored in the flash memory and can be accessed when needed.

Status-Out

gives notice of each correctly printed page via interface. Further features can be found in the manual.

Programmable GPIO-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 GPIO-interface.

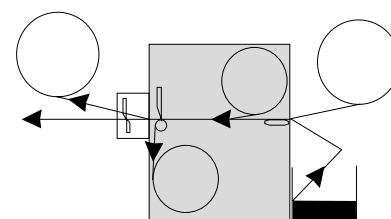Customer / Application specific modifications possible.

Printable Media

Size	20 - 120 mm width
with Dispenser	30 - 115 mm width
	printable width 106 mm
Roll diameter	max. 210 mm
Core diameter	1,5 / 3 / 4 Inch (38,1 - 102 mm)
Weight	60 - 160 g/m² (label)
	max. 240 g/m² (cardstock)

Thermal transfer	
ribbon	roll diameter max. 105 mm
Core diameter	1 inch (25.4 mm)
Ribbon length	max. 600 m
Coated side	inside or outside
Ribbon width	25 - 110 mm
Ribbon save	standard

Paper Path

Input

Continuous

internal from roll, external, e.g. fanfold

standard: Gap sensor (transmissive)

optional: Black Mark sensor (reflection)

Output

Single / Job	tear-off

Optional

Single	peel-off, Cutter
Job	cutter

PRINTING TECHNOLOGIES
ENGINEERED IN GERMANY