SOLID 45 IET

MICROPLEX®

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

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

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MICROPLEX®

PRINTERS   SOFTWARE   AUTOID

SOLID 45 ET

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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.
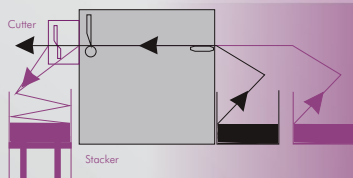
Print Engine

Print technology		Thermal transfer/direct thermal harmonic (history-controlled near-edge print head)
Controller		MPC 5.3 with Intel XScale PXA 255 (400 MHz RISC processor)
Print speed		up to 300 mm/s up to 12 inch/s
Resolution		max. 300 dpi x 300 dpi
Lifetime print head	Transfer	up to 50.000 m
	Direct	up to 30.000 m
Power supply		110/230V Autoselect (250 W / 3,2 A)
Dimensions (WxDxH in mm)		450 x 490 x 305
Weight (without cutter)		26 kg
Environment		rel. h. 45 - 75 % temp. 5 - 35°C
Interfaces	Serial	USB, RS232, RS422
	Parallel	IEEE 1284
	LAN	Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)
Memory	RAM	64 MB
	Flash	16 MB

MPC 5.x High-End Print Controller

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

Paper Path

Feeder/Stacker

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

Media

Size		width: 110 - 240 mm printable: 213 mm
Weight		max. 120 g/m² at suitable quality up to 160 g/m²
Thickness		0.2 - 0.9 mm
Ribbon	roll diameter	max. 90 mm
	core diameter	1 inch (25.4 mm)
	ribbon length	max. 600 m
	coated site	inside
	width	40 - 217 mm

Further Products
Special thermal family

logiJET 30 ET

Thermo
30 pages/minute
300 dpi
8" print width

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

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