

SOLID 45 FET 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
ZPL

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

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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

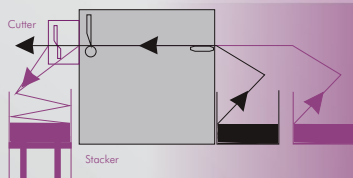
Print Engine

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	IBM Proprinter
	HP PCL 5e	Diablo 630
	Epson FX-80	ZPLII
	Datamax	EPL
Optional Emulations	Printron IGP	Magnum Code V
	PGL, TIFF	Kyocera Prescribe
	µ-Postscript	Express
		IPDS
		(more emulations on request)
Barcodes	EAN 8, 13, 128, add on	Jetcaps (HP/SAP) Code 39
	2/5 3-stroke Datalogic	128 MSI
	2/5 3-stroke Matrix	UPC A, E
	Codabar, PDF 417	Postnet, KIX
	Royalbar, Planet	USPS One Code
Optional Barcodes	USD5	UPS-Maxicode
	Aztec-Code	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/m ²
	at suitable quality up to 160 g/m ²
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

logiJET₃₀



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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