microplex

SOLID 50A3-3

HIGHEST PERFORMANCE FOR LOGISTICS, AUTOMOTIVE AND INTEGRATION

A3 Laser Printer for Just-in-Time Applications

HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Breakneck 3 seconds to printing of first page
- Duplex printing at full speed (up to 26 pages (A4)/minute)
- Flexible extension options for paper feed and tray
- Full integration in production lines through GPIO (SPS control) and Status-Out

FIELD OF APPLICATION

- Just-in-time applications
- On-demand printing
- Business and workflow documents
- ecommerce

Print Engine

Print technology	Laser, OPC
	heat / pressure
Controller	MPC 5.2 with Intel XScale PXA 255
	(400-MHz-RISC-Processor)
Print speed	up to 50 pages/minute (A4)
	first page: < 3s
Print resolution	max. 600 dpi x 600 dpi
Duty cycle	up to 50.000 pages (A4)
	(based on a using period of 60 months)
	max. 250.000 pages (A4)
Power supply	220-240 VAC, 50/60 Hz
Power consumption	8A
Dimensions (WxDxH in mm)	640 x 559 x 483
Weight	48kg (incl. consumables)
Environment temperature	10 - 32°C
Relative humidity	20 - 80 % (rel., non condensing)
Interfaces	USB, RS232, RS422
	IEEE 1284 (Centronics)
	Ethernet-Interface
	10/100 MBit, bi-directional (TCP/IP)
Memory	RAM: 128MB
	Flash: 16MB

MPC 5.2 High-End Print-Controller

Emulations

MICROPLEX IDOL, HP-PCL5/ HPGL, AGFA Reno, µ-Postscript, LN03+, BULL-MP6090, Etimark MP-1220, TEC Bx72, TEC B6xx, Diablo 630, IBM Proprinter, EPSON FX-80 (ESC/P), MT-600/MT40, IDS, ANSI Genicom, TIFF, XML (SAP® RFID), CUPS Raster,

Optional Emulations

CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, IGP/PGL. cab, Datamax, Datamax, Label-point, LDC, ZPL II, EPL 2, Intermec Direct Protocol, IER Command, Godex EZPL, HP Designjet, IPDS, AEA (more emulations on request)

Barcodes

Codebar, Code39, MSI, PDF417, Interleaved 2/5, Interleaved 2/5 (3-Stroke Datalogic),
Interleaved 2/5 (3-Stroke Matrix), EAN-8, 13, 128, Add-On-Codes, Code11, Code93, Code 128, UPC-A, UPC-E

Optional Barcodes (Barcode 2)

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

Additional functions

Intelligent barcode generation	on-the-fly in the printer
Format splitting	in several subformats by command
Integrated form management (RFM)	Forms and fonts can be stored in the flash memory
	and can be accessed when needed

Optional functions

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.

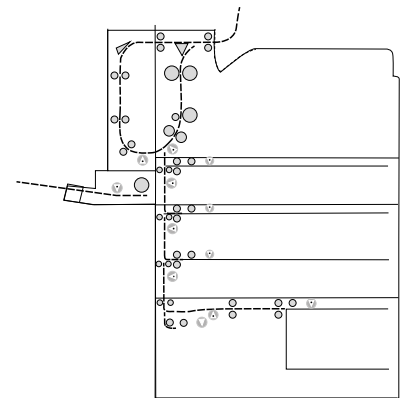Integration of the printer into production lines is possible, controlled by GPIO-interface

Customer / Application specific modifications possible.

Printable Media

Size	A5 bis A3
Weight	64-163 g/m²
	Duplex 60-120 g/m²

Paper Path

Input

cassette 1, 500 sheets (A5 to A3)

cassette 2, 500 sheets (A5R* to A3)

manual input, 100 sheets (A5 to A3)

Optional

cassette 3+4, 500 sheets (A5R* to A3)

2.000 sheets feeder (A4, Letter)

Output

500 sheets, face down

duplex unit

Optional

100 sheets, face up

*A5R = A5 short side feeding

PRINTING TECHNOLOGIES
ENGINEERED IN GERMANY