microplex

SOLID 90A3-2

HIGHEST PERFORMANCE FOR **BUSINESS, LOGISTICS** AND **PRODUCTION**

A3 Laser Printer for Just-in-Time Applications

HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Minimal downtime and extremely long maintenance intervals
- Toner refill possible during operation
- Extremely fast printing speed
- Flexible expansion options for paper feed and tray
- Duplex printing at full printing speed
- Optional IPDS emulation making it the printer of choice for IBM® solutions

FIELD OF APPLICATION

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

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Print Engine

Print technology	Laser, OPC
	heat / pressure
Controller	MPC 3.6
Print speed	up to 90 pages/minute (A4)
	up to 47 pages/minute (A3)
Print resolution	max. 600 dpi x 600 dpi
Duty cycle	up to 400.000 pages (A4 landscape)
	(based on a using period of 60 months)
	max. 500.000 pages (A4 landscape))
Power supply	220-240 VAC, 50Hz
Power consumption	3,55KW (16A)
Dimensions (WxDxH in mm)	870 x 760 x 980 mm (printer only)
	1080 x 810 x 1190 mm (incl. Display)
Weight	ca. 300 kg (without options)
Environment temperature	10 - 30°C
Relative humidity	20 - 85 % (rel., non condensing)
Interfaces	USB
	IEEE 1284 (Centronics)
	Ethernet-Interface
	10/100/1000 MBit, bi-directional (TCP/IP)
Memory	RAM: 2 GB
	Flash: 50 MB

MPC 3.6 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, Datamax, Labelpoint, LDC, ZPLII, EPL 2, UPI Fingerprint, IER Command, cab, Godex EZPL, HP Designjet, IPDS, AEA, AFP, Status-Out, PDF Direktdruck* (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	A5R* - A3W*
Weight	60 to 220 g/m²
	max. 300 g/m²
	(option 3430 is required)
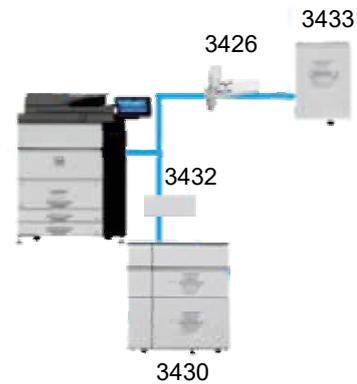
3433
3426
3432
3430

Paper Path

Input
cassette 1+2: 1.200 and 800 sheets (A4/Letter)
cassette 3: 500 sheets (B5R* to A3W**)
cassette 4: 500 sheets (A5R* to A3W**)
Optional
up tp 3.500 sheets A4, B5 (3433)
up to 3.000 sheets A3W** to B5 (3425)
up to 5.000 sheets A3W** to B5R (3430)
(each 2.500 sheets in bin 5 and 6)
A3W** - B5R* (no offset)
Output
face-up / face-down
Optional
finisher (Art. 3441)
3.250 sheets, 50-sheets-stitching
A3 – B5R (offset/stitching)
A3W** – A5R* (no offset).

finisher with saddle stitching (3440)
4.000 sheets,100-sheets-stitching
A3 – B5R* (offset/stitching), A3W **– A5R
(no offset) (more options on request)

* R = short side feeding
**A3W = 12" x 18" (304mm x 457mm)

PRINTING TECHNOLOGIES
ENGINEERED IN GERMANY