microplex
printware ag

SOLID 90A3

Ideal for:

- > Just-in-time applications
- > On-demand printing
- > Business and workflow documents
- > Month end invoice runs

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
- > Optional IPDS emulation making it the printer of choice for IBM solutions

HIGHEST PERFORMANCE FOR BUSINESS, LOGISTICS AND PRODUCTION

SOLID 90A3

When highest laser printing performance really matters, the SOLID 90A3 is the perfect choice: the blistering printing speed of up to 90 A4-pages a minute and extremely long maintenance intervals predestine this model for deployment in print-intensive business and logistics applications. Face-up output as well as SPS control and Status Out options ensure the optimal prerequisites for integration in production lines. The SOLID 90A3 combines highest levels of reliability with versatile paper handling capabilities.

Print Engine

Print technology	Laser, OPC
	heat / pressure
Controller	MPC 3.6 INTEL ATOM D525, 1.8GHz
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 V/50Hz
Power consumption	8A
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	Serial: USB
	Parallel: IEEE 1284 (Centronics)
	LAN: Ethernet-Interface
	10/100/1000 MBit, bi-directional (TCP/IP)
Memory	RAM: 2GB
	Flash: 50MB

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, MT-600/MT40, IDS, ANSI Genicom, TIFF, XML (SAP RFID), CUPS Raster

Optional Emulations

CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, IGP-10, Datamax (FGL), Datamax Labelpoint, LDC, ZPL II, EPL 2, UPI Fingerprint, IER Command, Godex EZPL, HP Designjet, IPDS, AEA, AFP, Status-Out (more emulations on request)

Barcodes

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

Optional Barcodes

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	up to 12 MB flash for forms and fonts inside the printer

Optional functions

Status-out

gives notice of each correctly printed page via interface
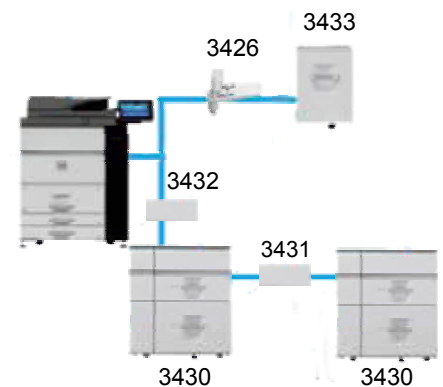
SPS-Control (EMBEDDED INTELLIGENCE - Enabling two-way communication between printer and a PLC)

integration of the printer into production lines is possible, controlled by SPS-interface.

Printable Media

Size	A5R* - A3W*
Weight	60 to 220 g/m²
	max. 300 g/m²
	(option 3430 is required)

Paper Path

Input

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, 7 and 8)

A3W** - B5R* (no offset)

Output

faceup / 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