microplex

SOLID 90A3-2

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
> Duplex printing at full printing speed
> Optional IPDS emulation making it the printer of choice for IBM solutions

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

SOLID 90A3-2

When highest laser printing performance really matters, the SOLID 90A3-2 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 90A3-2 combines highest levels of reliability with versatile paper handling capabilities.

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 V/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: 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 (ESC/P), MT-600/MT40, IDS, ANSI Genicom, TIFF, XML (SAP® RFID), CUPS Raster, RFM

Optional Emulations

CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, IGP-10, IGP/PGL, Datamax, Labelpoint, LDC, ZPLII, EPL 2, Intermec Direct Protocol, IER Command, cab, Godex EZPL, Barcode 2, 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

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

Additional functions

Network capabilities	authentication standard IEEE 802.1x
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. 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
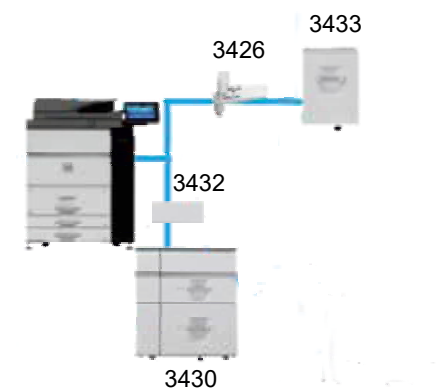Customer / Application specific modifications possible.

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

www.microplex.de