SOLID F40

HIGH PERFORMANCE, IMPRESSIVE COST EFFECTIVENESS

Efficient Flash Fusing Printer for Sensitive Materials

HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- ❯ Prints on paper, PVC, plastic, etc.
- ❯ USB, Ethernet (10/100/1000 Mbit) as standard
- ❯ Laser and matrix printer compatible
- ❯ SAP®- und AS/400-compatible (through PCL5 + JetCAPS as well as LAN-IPDS)
- ❯ Perfect control via Status Out

FIELD OF APPLICATION

- ❯ Label batch printing
- ❯ Ticket printing
- ❯ Business and logistics documents

Print Engine

Print technology	LED, OPC
	Xenon-flash lamp
Controller	MPC 3.4
Print speed	2,000 lpm (6 lpi), up to 40 pages/minute (A4 landscape)
	8,4 m/min
Print resolution	max. 600 dpi x 600 dpi
Duty cycle	up to 300,000 pages
	(based on a using period of 60 months)
Power supply	230 VAC +/-10% / 50 Hz
Power consumption	max 3,0 kVA
	(delivery with 16 A, CEE connector)
Acoustic noise	< 55 dB (A)
Dimensions (W x D x H)	31.7" (805 mm) x 33.5" (850 mm) x 49.2" (1250 mm)
Weight	529 lbs (240 kg) (incl. stacker)
Environment temperature	10 - 30°C
Relative humidity	30 - 80 % (rel., non-condensing)
Interfaces	USB
	Ethernet-Interface 10/100/1000 MBit, bi-direktional (TCP/IP)
Optional	IEEE 1284 (Centronics),
	WLAN IEEE 802.11 n/g/b,
	WEP mit 64 und 128 Bit, WPA/WPA2, WPA-PSK/WPA2-PSK
Memory	RAM: 4 GB
	Flash: 16 GB

MPC 3.x 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/PGL, Datamax, Labelpoint, LDC, ZPLII, EPL 2, Intermec Direct Protocol, IER Command, cab, Godex EZPL, HP Designjet, IPDS, AEA, PDF Direct Printing*, (more emulations on request)

Barcodes

Codebar, Code39, MSI, PDF417, Interleaved 2/5, Interleaved 2/5 (3-stroke Datalogic), EAN-8, 13, 128, Interleaved 2/5 (3-Stroke Matrix), 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

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 (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 and application specific modifications possible.

SPECIFICATIONS

Printable Media

Size

Form length	7" - 24"
With stacker	8" - 14"
Form width	6.5" - 16"
Printable area	14,6"

Weight	60 - 204 g/m²
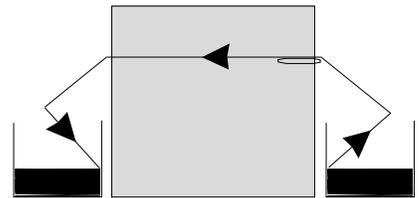
Paper Path

Input
push tractor
Output
stacker
capacity: 3,000 pages (at 64 g/m²)
(minimal weight (64 g / m²) depending on
paper properties and quality of material conversion)