microplex
printware corporation

SOLID F90 HD

Ideal for:

> Label batch printing
> Ticket printing
> Business and logistics documents
> Utilities, banks or Government high through-put requirements

HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

> Most economical cold fusing printer in its class
> Prints on paper, PVC, plastic, etc.
> USB, Ethernet (10/100 Mbit) as standard
> Laser and matrix printer compatible
> SAP with the standard PCL5e emulation
> Perfect control via Status Out
> Optional IPDS emulation making it the printer of choice for IBM solutions

HIGH PERFORMANCE, IMPRESSIVE COST EFFECTIVENESS

SOLID F90 HD

Inexpensive to purchase, inexpensive to operate: the SOLID F90 HD is the most economical printer in its class. As a fast continuous laser printer for medium printing volumes it covers a broad spectrum of deployment areas. The powerful MPC Controller guarantees connection versatility, functional diversity, easy system integration and high printing performance. Cold fusing via Xenon flash lamps also enables thermally sensitive materials such as plastic or PVC to be used. And fusing is also trouble-free even on thick materials.
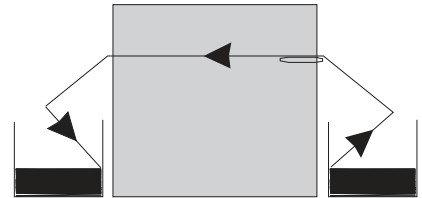
SOLID F90 HD

SPECIFICATIONS

Print Engine

Print technology	LED, OPC
	xenon flash lamp with halogen preheat
Controller	MPC 3.3 with Intel CPU
	(>2 GHz CISC Processor)
Print speed	3000 lpm (6 lpi)
	8.33 inches / second
	90 pages / minute (2-Up Letter, 11″ long)
Print resolution	max. 600 dpi x 600 dpi
Duty cycle	800,000 pages (18″ wide x 11″ long, 2-Up page format)
	(based on a using period of 60 month)
Power supply	230V +/-10% /50 Hz (delivery with 30 Amp. connector)
Power consumption	max. 5.5 KVA (in operation)
	max. 0,6 KVA (in stand-by)
Acoustic noise	<55 dBA (Standby), <65 dBA (Operating)
Dimensions (WxDxH in Inch)	30.7″W x 35″D x 51.9″H (Printer only)
	30.7″W x 52.7″D x 51.9″H (Printer with Stacker)
Weight	606.27 (lbs. with Stacker)
Environment temperature	59 - 86°F
Relative humidity	30 - 80 % (rel., non-condensing)
Interfaces	Serial: USB 2.0
	Parallel: IEEE 1284 (Centronics)
	LAN: Ethernet-Interface
	10/100 MBit, bi-directional (TCP/IP)
Memory	RAM: 512MB
	Flash: 64MB

Printable Media

Size	
Form length	7″ - 24″
With stacker	7″ - 14″
Form width	6″ - 18″
Printable area	17″

Weight	16-54 lb (bond), 60-204 grams

MPC 3.3 High-End Print-Controller

Emulations

MICROPLEX IDOL, HP PCL 5e, Epson FX-80, IBM Proprinter, Diablo 630, µ-Postscript, TIFF

Optional Emulations

IPDS, Printronix IGP, PGL, Magnum Code V, Kyocera Prescribe, Express, ZPLII, Datamax, EPL, (more emulations on request)

Barcodes

PDF 417, EAN 8, 13,, 128, add on, 2/5 3-stroke Datalogic, 2/5 3-stroke Matrix, Codabar, Royalbar, Planet, Jetcaps (HP/SAP), Code 39, 128 MSI, UPC A, E, Postnet, KIX, USPS One Code

Optional Barcodes

QR Code, UPS-Maxicode, Datamatrix, USD5, Aztec-Code, (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.

Paper Path

Input
push tractor

Output
stacker
capacity: 3.000 pages (at 17 lb bond)

PRINTING TECHNOLOGIES
ENGINEERED IN GERMANY

www.microplex-usa.com