

# 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.

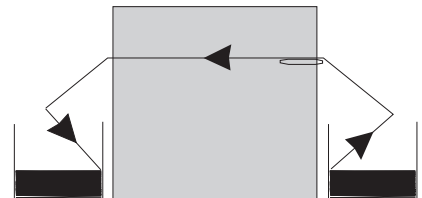
## Print Engine

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



## Printable Media

<b>Size</b>	
Form length	7" - 24"
With stacker	7" - 14"
Form width	6" - 18"
Printable area	17"
<b>Weight</b>	16-54 lb (bond), 60-204 grams



## Paper Path

### Input

push tractor

### Output

stacker

capacity: 3.000 pages (at 17 lb bond)

## MPC 3.3 High-End Print-Controller

### Emulations

MICROPLEX IDOL, HP PCL 5e, Epson FX-80, IBM Proprinter, Diablo 630,  $\mu$ -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

<b>Intelligent barcode generation</b>	on-the-fly in the printer
<b>Format splitting</b>	in several subformats by command
<b>Integrated form management</b>	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.

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