



# SOLID F34

## Ideal for:

- Security-relevant documents
- Documents with 2D barcodes
- Documents with up to 18-inch material width

## HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Cutter and tractor cassettes included
- USB, Ethernet (10/100 Mbit) as standard
- Laser and matrix printer compatible
- SAP and AS/400 compatible
- Perfect control via Status Out and SPS Control (optional)

**FLEXIBLE DEPLOYMENT,  
IMPRESSIVE COST  
EFFECTIVENESS**



## SOLID F34

The powerful and economical SOLID F34 can be flexibly deployed: thanks to the versatile Microplex Controller, it replaces matrix and laser printers and can be integrated in existing system environments with minimal effort. It is equipped with two tractor cassettes, an integrated cutter and can simultaneously print 33 ppm (letter, landscape).

**SOLID F34****SPECIFICATIONS****Print Engine**

<b>Print technology</b>	LED, OPC, heat/pressure fixing
<b>Controller</b>	MPC 5.x with Intel XScale PXA 255 (400 MHz RISC processor)
<b>Print speed</b>	33 ppm (letter, landscape); 26 ppm (11" form length)
<b>Print resolution</b>	300 dpi x 300 dpi
<b>Duty cycle</b>	up to 300.000 pages (based on a using period of 60 months, 12x16 inch) max. up to 1.275.000 pages (12x16")
<b>Power supply</b>	110V (-10/+6%) 50-60 Hz or 220V (-10/+6%) 50-60 Hz
<b>Power consumption</b>	12A 110-120V
<b>Acoustic noise</b>	< 55 dB (A)
<b>Dimensions (WxDxH in Inch)</b>	35W x 30.7D x 13.8H (inclusive tractor cassettes) 44.1 x 30.7 x 45.6 incl optional Stacker
<b>Weight</b>	361.56 lbs. (246.92 lbs without options)
<b>Environment temperature</b>	59 - 86 °F
<b>Relative humidity</b>	25 - 55 % (rel., non-condensing)
<b>Interfaces</b>	Serial: USB 1.1, RS232/RS422 Parallel: IEEE 1284 (Centronics) LAN: Ethernet-Interface 10/100 MBit, bi-direktional (TCP/IP)
<b>Memory</b>	RAM: 128 MB Flash: 16 MB

**MPC 5.3 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**

<b>Intelligent barcode generation</b>	<b>on-the-fly in the printer</b>
<b>Format splitting</b>	<b>in several subformats by command</b>
<b>Integrated form management</b>	<b>up to 12 MB flash for forms and fonts inside the printer</b>
<b>Optional functions</b>	

**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**

Form length	3" - 24"
With stacker	7" - 17"
Form width	6" - 17"
Printable area	16"

**Weight**

17 - 41 lb continuous fanfold media

**Paper Path****Input**

2 independent, detachable tractor cassettes

**Output**

rear: cutter

**Optional**

3.000 sheet stacker

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