

## High-Performance PCL Industrial Printer ■ ■ ■



The H-8308p printer is for wide width label/ thermal printing customers, who are looking for a high quality printer that is easy to integrate, user friendly and will save them money. For years customer have been asking for a 9 inch/228.6 mm wide HP compatible thermal printer to replace their laser printers. The H-8308p delivers the power of the PCL print language, LINUX® operating system and Managed Print Service (MPS) support, to create a truly laser replacement thermal printer. Increasing your label options and improving your productivity while reducing cost.

The H-8308p is a rugged and versatile printer that offers one of the most feature rich solutions for dynamic enterprise applications, and is twice as fast as other printers in its class. The H-8308p is ideal for high-volume label printing in pharmaceuticals, manufacturing, warehouse, transportation, and high resolution labeling. Modular construction increases up-time for the highest levels of user productivity. The high quality features, performance, and rugged reliability make the H-8308p the best value of any premium printer on the market.

### features at a glance ■ ■ ■

- **PCL5e & PCL6 Standard Language** - makes graphics integration easier and allows users to spend less time setting up printers. Offers virtually endless application choices.
- **Easy ERP integration** - a benefit that derives from a true PCL5 & PCL6 thermal barcode printer. Middleware applications are no longer necessary within printer networks. All Performance Series printers are approved through the SAP® Printer Vendor Program.
- **Laser and inkjet printer** - users can realize the benefits of a ruggedized thermal barcode printer and reduce operating costs with seamless integration of a true PCL5 device.
- **Graphic color touchscreen** - display with an intuitive menu flow making the user interface and navigation seamless.
- **Die cast frame** - and metal covers designed specifically for harsh work environments.
- **Standard 300 dpi printhead** - with each Performance Series printer allows users to now benefit from a higher resolution printhead with better text, images and barcodes at a 203 dpi printhead price.
- **50 resident scalable fonts** - is the new standard in thermal barcode printing. No longer restricted to a limited font selection, users can create custom labels on-demand.
- **Managed Print Service (MPS)** - first truly MPS thermal printer on the Market. Can monitor labels and ribbon stock by percentage and a whole lot more with public and private MIB.

### popular applications ■ ■ ■



#### Manufacturing

- Window & door labels
- Banner labels
- Automotive Labels
- Brick & metal fabrication labels



#### Food and Beverage

- Pallet and box labels
- Product labels
- Shipping labels
- Stock rotation labels



#### Transportation and Logistics

- Shipping labels
- Packing list HP compatible
- Laser size printing



#### Drum Labels

- Compliance
- GHS Labels
- OSHA Hazcom (HCS)
- Merchant Shipping Regulations

### your benefits ■ ■ ■

**Non-Proprietary PCL** – The Performance Series offers PCL, a globally adopted standard/laser compatible printer language that allows easy integration into SAP® and other network environments.

**Most Advanced Interface** – The industry's most intuitive color touchscreen makes set up and performance enhancements as simple as 1-2-3.

**Return on Investment (ROI)** – Thermal printing saves you money on your energy bill. It is 4 to 5 times more energy efficient than laser. While being up to 45% faster in printing times which makes your company more efficient. Contact us to find out more about the ROI of thermal printing.

#### Easiest Setup and Network Management.



- Use your Standard Network Management tools!
- Like Tivoli and HP OpenView
- Network Time Protocol (NTP)
- Robust SNMP support.
- HTTP Web Server
- FMAudit Global MPS Solution Ready Printer
- Works with Print Audit a leading MPS solution

# physical dimensions ■ ■ ■

## print technology ■ ■ ■

- Printer type:
  - Direct thermal
  - Optional thermal transfer
- Print length range:
  - 0.25" - 99.99" (6mm - 2539.75mm);  
*values vary with printer configuration*

## physical characteristics ■ ■ ■

- Dimensions and weights:
  - 59 lbs. (26.8 kg)
  - 16.4"h x 17.0"w x 19.3"d (415 x 433 x 489mm)
- Operating temperature:
  - 32°F to 100°F (0°C to 38°C)
- Storage temperature:
  - 0°F to 140°F (-17°C to 60°C)
- Humidity:
  - 10% - 95% non-condensing
- Power source:
  - Auto-sensing 90-132 or 180-264 VAC @ 47-63Hz
- On-board real time clock
- 64 MB of Flash and 64 MB of SDRAM
- Large 320 x 240 color touchscreen display
- Construction:
  - Die-cast aluminum frame with metal cover, clear side window to easily monitor media supply levels

## integration ■ ■ ■

- Communication Interfaces
  - » USB 2.0 Device Standard
  - » 10/100 Base-T Ethernet Standard
  - » Applicator GP I/O & Serial (RS-232C)Port Optional
  - » 2 USB Host connection Standard
- Security Protocols:
  - » WEP WPA WPA2
  - » Modes PSK/Enterprise
  - » Security/
    - » Encryption 64/128 TKIP/RC4 CCMP/AES
    - » Authentication LEAP, EAP-PEAP, EAP-FAST, EAP-TTLS, EAP-LEAP, IPV4
- Network/Software support:
  - » DHCP, TCP/IP, UDP, DNS, BOOTP, NTP, SSH
  - » SNMP Robust MIB
  - » Embedded Configurator:
    - Resident printer configuration tool
    - » Embedded Network web pages
    - » Drivers: Windows® XP, 7 and 8
    - » Network Management is done with your standard HP Compatible network management tools. Works with HP Openview®, Tivoli® and others.
- Apple®
  - » Works in MacBook Pro® with the HP Laserjet® Series PCL4/5 driver
  - » SAP® Printer Vendor Program.
- Encryption Protocol:
  - » AES 256 for secure data transmission for healthcare, pharmaceutical and retail applications.

## barcodes/fonts/graphics ■ ■ ■

- Bar Codes
  - » Aztec, Codabar, Code 128 Autoswitch, Code 128 Code Set A, Code 128 Code Set B, Code 128 Code Set C, Code 3 of 9, Code 93, DataMatrix, EAN-13, EAN-8, Extended Code 3 of 9, FIM, GS1 Databar (RSS), GS1-128(UCC/EAN Code 128), HIBC, Interleaved 2 of 5 with a module 10 checksum, & shipping bearer bars, MicroPDF417, PDF-417, Planet, Plessey, Postnet, QR Code – Auto format, Telepen, UPC-A, UPC-E, UPS MaxiCode
- Fonts
  - » 50 Standard resident Scalable fonts: Albertus Medium, Albertus Extra Bold, Antique Olive, Antique Olive Italic, Antique Olive Bold, Arial, Arial Italic, Arial Bold, Arial Bold Italic, Clarendon Condensed Bold, Coronet, Courier, Courier Italic, Courier Bold, Courier Bold Italic, Garamond Antiqua, Garamond Kursiv, Garamond Halbfett, Garamond Kursiv Halbfett, Letter Gothic, Letter Gothic Italic, Letter Gothic Bold, Marigold, CG Omega, CG Omega Italic, CG Omega Bold, CG Omega Bold Italic, CG Times, CG Times Italic, CG Times Bold, CG Times Bold Italic, CG Triumvirate Bold, CG Triumvirate Bold Condensed, Times New Roman, Times New Roman Italic, Times New Roman Bold, Times New Roman Bold Italic, Univers Medium, Univers Medium Italic, Univers Bold, Univers Bold Italic, Univers Condensed Medium, Univers Condensed Medium Italic, Univers Condensed Bold, Univers Condensed Bold Italic, Symbol, Wingdings, OCR-B, OCR-A
- Downloadable Font Types
  - » True-Type, PCL Bitmap (300 dpi)
- PCL Macros
  - » Multiple PCL Macros can be store in flash.
  - » Overlay Macros can be used and store in flash.
- Graphics
  - » Full support of PCL5e, PCL6 and GL/2 graphics capability is provided. (Support of various host based file formats such as PCX, BMP are not part of the PCL5e standard but are supported and converted by standard applications). Industry standard printer language HP PCL, HP PCL 5e, PCL6, HP GL/2 and HP XL, printer languages with auto language select in addition to extensions for barcode. Also provides standard bi-directional communications capabilities.

## accessories ■ ■ ■

- External rewinders
- Serial adapter cable

## agency approval ■ ■ ■

Contact sales for the most current list

## warranty ■ ■ ■

- Printer\*: 1 year (including platen roller and installed options)
- Printhead\*: 1 year or 1,000,000 inches whichever comes first
- Contact sales representative for extended warranty options

## media ■ ■ ■

- Media type:
  - Roll-fed: 8.0" (203.2mm) max O.D. on a 3.0" (76.2mm) core
  - Fan-fold stock: accepted from rear and bottom of printer
  - Die-cut or continuous labels
  - Perforated or continuous tag/ticket stock
- Media width range:
  - 8" models: 3.0" - 9.0" (76.2mm - 228.9mm)
  - Print width is 3.0" to 8.52" (76.2mm-216.4mm)
- Minimum media length:
  - Tear-off and rewind modes: 0.25" (6.35mm)
  - Peel and cutter modes: 1.0" (25.4mm)
- Media thickness range:
  - 0.0025" - 0.01" (0.0635mm - 0.254mm)
- Media sensing:
  - "See through" for liner-backed die-cut labels and tags
  - Reflective sensor for black mark label media
- Label backfeed:
  - For use with optional cutter and peel & present
- Ribbon:
  - Ribbon width range:
    - 8" models: 3.0" - 9.0" (76.2mm - 228.9mm)
    - Core: 1.0" (25.4mm)
    - Length: 1968' (600m)
    - Coated side in and coated side out

## options ■ ■ ■

- Standard Cutter
- Cutter Tray
- Fan-Fold Tray
- Wireless Card 802.11
- GPIO Interface and Serial
- Rewinder
- Basic Peel and Present

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