H-8308p
PCL High-Performance Industrial Printer

Product Guide for Resellers ■ ■ ■

datamax·o'neil
right by our customers.

WHY DATAMAX-O'NEIL

Datamax-O'Neil is the global provider of stationary and portable thermal printers, and the quality supplies and parts that keep them optimized. We have a history of working closely with our customers to develop solutions that improve their business – innovations like the H-8308p.

With an unwavering commitment to unparalleled customer care, Datamax-O'Neil is headquartered in Orlando, Florida, and maintains key facilities in California, Illinois and France, as well as sales, service technical support and channel partner offices around the world.

Since 1977, Datamax-O'Neil has earned a reputation for consistent reliability, fueled by dependable printers, dependable people and high-quality printer supplies.

Datamax-O'Neil is part of the Dover Corporation, an NYSE-traded, multi-billion dollar corporation that manufactures a diverse range of products and components for commercial and industrial use.

Contents ■ ■ ■

INTRODUCING THE H-8308P PRINTER

The H-8308p printer is for wide-width label/ thermal printing customers, who are looking to save money with a user-friendly, high-quality printer that is easy to integrate and use. For years customers have been asking for a HP-compatible thermal printer that works with 9"/228.6mm width paper, 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 true-laser replacement thermal printer. The H-8308p will increase your label options, improve productivity and reduce costs.

The H-8308p is the combination of two of Datamax-O'Neil's greatest printers: the H-Class and the Performance Series. We took the mechanics of the H-Class 8"printer and combined it with the innovative electronics of the Performance Series to create the best 8.53"/216mm print width thermal printer on the market. It is designed to be the perfect printer to replace every laser printer or thermal printer doing wide-format labels and thermal documents today.

■ **Benefits of PCL Thermal Printers over Laser PCL Printers**

- Printing only what you need eliminates waste
- Thermal printing is 4 to 5 times more energy efficient than laser
- Thermal printing has lower maintenance costs
- Thermal printing has higher label printing duty cycles
- Thermal prints on more diverse label stocks
- Better and more choice of adhesives can be used with thermal printers

■ **Cleaner Printing** – Thermal printing is the cleanest type of printing when compared to laser, ink jet and dot matrix impact printing. Toner can escape or leak, contaminating the printer, label, tags, documents, user and the work environment.

Toner has an electrostatic charge and is designed to be attracted to the substrate, making it hard to clean if spilled in the work environment. Other areas can get contaminated with the toner particles, dust and residue. The user needs to wash their hands once they have been soiled by the toner before touching paper, boxes or product.

Clean printing is a benefit for industries where workplace cleanliness is a major concern, such as healthcare, pharmaceutical and electronics.
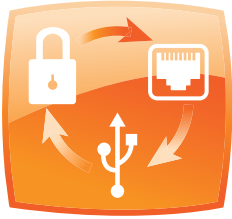
24/7 HIGH VOLUME PRODUCTIVITY

- **High Volume** – The H-8308p is designed for high-volume applications and is capable of printing over 10,000 11"/279 mm labels/documents a day….every day. We believe that 24/7 is not just a catchphrase, but a requirement for our most robust printer.

- **Fast Print Speed** – The H-8308p will boost productivity with high print speed and reliable, accurate print quality. A variety of print speeds and resolutions are available to cover a wide range of applications. With no wait time for first label out compared to laser printers, you will see improved workflow and efficiencies.

- **Increase Productivity** – The H-8308p comes with a built-in cleaning routine to ensure a properly cleaned printhead, which prolongs life, it reduces the downtime associated with routine replacement and provides better barcode and print quality. Plus, the advance monitoring system informs you when the printhead needs cleaning.
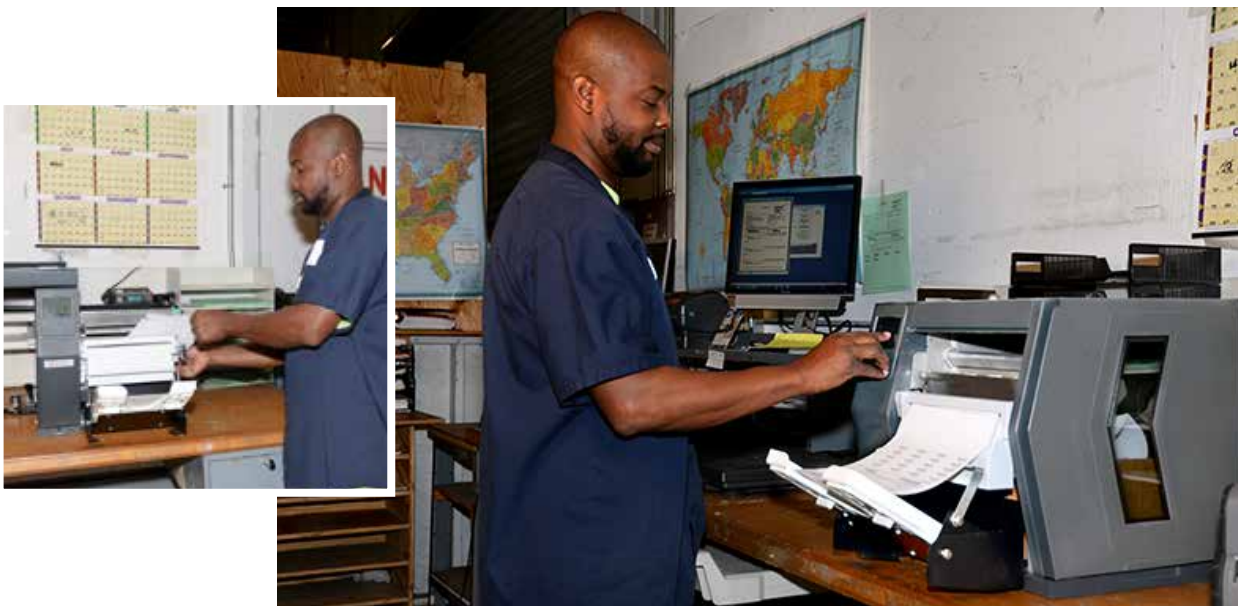
RELIABILITY

- **Total Cost of Ownership** – When calculating total cost of ownership, it is important to factor in the printer's reliability. The H-8308p offers everything you need to keep productivity high and cost of ownership low, including rugged construction in-field upgrades, quick change printhead and platen roller and exceptional reliability.

- **Built to Last** – If a printer is going to work 24/7, it has to be built to last. The H-8308p has a die-cast aluminum frame and a durable metal cabinet that won't wear out or breakdown for years to come.

- **Gear Driven** – Forget about replacing broken belts, the H-8308p is gear driven for rigorous duty cycles and uninterrupted productivity.

- **Field Installable Upgrades** – No need to send the printer in for service. Options such as cutters, peel and present sensors, thermal transfer capability and W-LAN can be easily added in the field.

EASY TO INTEGRATE

- **Communication Ports** – Integrating the H-8308p couldn't be easier. We've included the industry's two most widely used interfaces as standard Ethernet and USB. Additionally, we have included two USB host ports for printing store labels and other uses. Optional ports include: W-LAN, GPIO and Serial.

- **Popular Security Protocols** – The H-8308p includes all the security protocols you're likely to need including WEP, WPA and WPA2.

- **Manage an Entire Network** – Since the H-8308p is about standards, you are able to use your standard network management tools from IBM, HP and others.

- **Printer Language** – This is a HP-compatible license PCL printer with PCL5e and PCL6, the most widely used printer language in the world. We did not emulate PCL, we licensed the PCL for the printer, just like laser and ink-jet printer manufacturers.

- **Graphic Color Touchscreen display** – Included is a large 320 x 240 color touchscreen display, with intuitive menu flow and international icons, making the user interface and navigation seamless.

- **Easy Media Loading** – The wide access to the media rolls makes it easy to load media and ribbon.

- **PCl Macros** – PCL macros can be stored in the printers' flash memory to save time and to make the printing process easier.

- **Large Flash Memory** – For ease of use, you can store a variety of label formats and PCL macros.

Laser printers have multiple moving parts, a number of path changes in the printing process, and require the heated fusion of ink (i.e., toner) to paper.

When printing on labels many problems can occur with laser printers, from backing separation to adhesive seepage. A typical laser printer may have a media path changing directions three or four times, passing a photoreceptor drum where toner and compression are applied, then further passing by a fuser where high compression and heat are applied. Each movement and component adds risk to the process, increasing the likelihood that the printing process could fail.

▪ Special Precautions

Laser supply and manufacturing companies have addressed label printing problems with a variety of products and services. One can think of these as "Special precautions", because they only exist to counter the risks/problems inherent in laser printing labels and to increase label printing reliability.

▪ Special Toner Cartridges

Some manufacturers offer oil-fused wipers for customers printing volumes of labels. Details of the technology and positive effects on reliability have not yet been publicized.

▪ More Frequent Maintenance

Due to the increased likelihood of maintenance issues, certified service partners of laser printer manufacturers offer special preventive maintenance contracts for customers who print labels.

▪ Spot Adhesives

Spot adhesives (i.e. patterned adhesives, zoned adhesives) keep the adhesive at a distance from the label edge to minimize the likelihood of seepage into toner and the drum path. This is not a preferred practice, as it increases the cost of labels, and poses problems with corners and edges of labels not adhering well.

▪ Special Adhesives

Some label manufacturers offer labels with special non-oozing adhesive, designed to prevent jams in laser printers. However, these adhesives fail to provide a permanent bond.

The H-8308p is a perfect solution for industrial manufacturing, drum and chemical labeling, transportation and logistics, food and beverage, and pharmaceutical applications. Providing cost effective printing solutions is easy with the H-8308p. These printers offer a broad range of connectivity to meet diverse application requirements and easily integrate into any network. Modular construction increases up-time for the highest levels of user productivity.

Manufacturers have factories that work 24 / 7, their printer should too. Designed for the demanding environments of manufactures around the world the H-8308p is used for many applications including asset tracking, work-in-progress labels, agency labels, window and door labels and instruction labels to name a few.

AUTOMOTIVE LABELS
The average automobile is said to have over 2000 labels in it. The AIAG, a global organization for the automobile industry has established standards for part suppliers to the auto industry. With the wide width, the H-8308p can do all the varying sizes of labels. From permanent identification labels, mold labels etc.

WINDOW AND DOOR LABELS
Window and door manufacturers use the NRFC and ECEEE label for energy saving information. These labels not only provide important energy information but serve as a marketing tool as well. The 300dpi printhead and PCL language is a perfect fit for these large information and graphic-filled labels.

BRICK AND METAL FABRICATION
Building material manufactures use labels for product distribution. These labels tend to be large and made out of synthetic materials to stand up to all weather conditions. Labels have large print to stand out and make them easy to read.

TRANSPORTATION AND LOGISTICS

The transportation and logistics industries use barcode labels in their distribution and warehousing facilities primarily for labeling shipments with critical shipping information. Because every shipment is different, the label printer must be able to handle the high demand with continually changing data. The H-8308p is the ideal printer for applications such as cross docking, shipping labels, pallet tracking, and in sorting centers. In addition it can also handle the packing list or packing label.

Most shippers have two printers side by side. One laser for the packing list which is printer on a PCL laser printer and one printer printing the packing label. Now you can use the same printer to do both. Increasing productivity and reducing cost.

DRUM LABELS

Drums and containers used to transport petroleum, paint, liquid and powder chemicals must be designed to hold up under extreme conditions. Labels must meet many standards: International Maritime Dangerous Goods (IMGD) and Globally Harmonized System of Classification (GHS) to name only two. The H-8308p with its graphics driven International Icon Display can be used around the world to provide seamless integration.

PHARMACEUTICALS

Strict labeling requirements drive an ever-increasing number of labels used in this industry. The H-8308p printer is perfect for blister packs, carton and pallet labels, medication guides. Using standard PCL printer language makes it a plug and play replacement. Coupled with your standard MPS software, you now have a complete solution to monitor all labels and supplies used.

FOOD AND BEVERAGE

The food and beverage industry has many different label requirements around the world. Produce country of origin labels, organic food labels, kosher labeling requirements, liquor tax and many more. The US Federal Food, Drug, and Cosmetic Act (FD&C Act) and the Fair Packaging and Labeling Act are a few laws governing food products. Most countries have similar consumer protection agencies that require ingredient and product information labels on raw goods to the finished product.

FEATURES AND BENEFITS:

H-8308p printers can be used in a wide variety of industrial, pharmaceutical, healthcare and retail applications with a range of media compatibility and connectivity. Key features are listed below:

◼ **Connectivity:** Standard with Ethernet, USB device, and 2 USB Host ports giving users integration flexibility. The internal LAN (Ethernet) port allows for network connectivity, sharing and management. LAN connectivity provides more efficient use of the printer.

◼ **Rugged:** Gear-driven design with precision die-cast aluminum frame, provides durability while still light weight. A steel cabinet offers protection in industrial environments.

◼ **Print Resolution:** H-8308p uses a high density 300dpi / 11.8 dpmm for high-quality graphic printing and great looking fonts.

◼ **Large 320 x 240 Color Touchscreen Graphic** display with multi-language menu available in English, Spanish, German, Italian, French, Portuguese and many other languages can be loaded into the display. Two byte languages like Chinese and others can be downloaded off our website and loaded into the printer. Easy to identify international icons are used on display.
- Display warnings and errors change screen color to yellow or red, bringing attention to the operator's status conditions.
- Instructions appear in order of need to correct conditions.
- Operator prompts are used for MPS software needs.

◼ **Field Installable Options** such as cutters, peel and present sensors, internal rewinder and optional thermal transfer, can be added easily to upgrade a base printer.

◼ **Connectivity Options:** Serial, General Purpose I/O and WIFI 802.11
- Security Protocols for 802.11
- 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

◼ **Media Compatibility:** Supports either coated-side-in or coated-side-out ribbons without the purchase of any options or the need for re-configuration resulting in easier ribbon inventory management. Real time clock standard. Time stamp with print capability, time and date battery backup.

◼ **Encryption:** AES 256 for True Data Security. The H-8308p imbeds the US government-suggested security protocol for data transmission. By conforming to standards set by Advanced Encryption Standard (AES FIPS Pub 197), Datamax-O'Neil uses the 256 standard for the highest level of Security Cryptography.

◼ **Built-in Printhead Cleaning:** The printer will remind you to clean the printhead. Datamax-O'Neil has developed a built-in printhead cleaning routine to make cleaning simple and to properly clean the printhead for longer life. A dirty printhead causes premature printhead failure and poor barcodes, graphics and text.

■ **Real Time Clock Standard:** Time stamp with print capability, time and date battery backup.

■ **64 MB of Flash and 64 MB of SDRAM:** Using a large amount of flash and RAM speeds up the printer and gives you plenty of memory to use for large file formats.

■ **400 MHZ Processor:** The fastest processor used in a wide web thermal printer. This increases your speed to print.

■ **Easy-to-Replace Parts:** The two most common parts to replace on the printer can be replaced in a few minutes, by the user.
  - Printhead
  - Platen Roller

■ **Public and Private MIBs:** Robust MIBs makes integration into MPS software easy and advantageous. Reports all error and warning conditions to MPS software. Monitors ribbon and paper levels to accurately report usage. Reports media ID back for reordering of supplies.

■ **Easy to Use:** Supplies loading diagRAM is embossed into the frame for operator's convenience. Color coded component cues that can be moved or adjusted, are green and easily recognizable.

English (Ready Screen)
Graphic Touchscreen display.

French menu language selected with
ordered operators instructions.

EXTERNAL FEATURES (STANDARD CAPACITY MODELS)

1 **Large 240 x 320 Touchscreen Graphics Display**

The large 240 x 320 easy-to-read display allows for two way communication with the operator

- Icons are easily recognizable
- Easy to navigate
- Allows the operator to setup and add options and diagnose the printer
- Screen turns yellow for caution warnings such as ribbon or label low
- Screen turns red for warnings that need immediate attention such as label out

2 **Industrial Metal Cabinet**

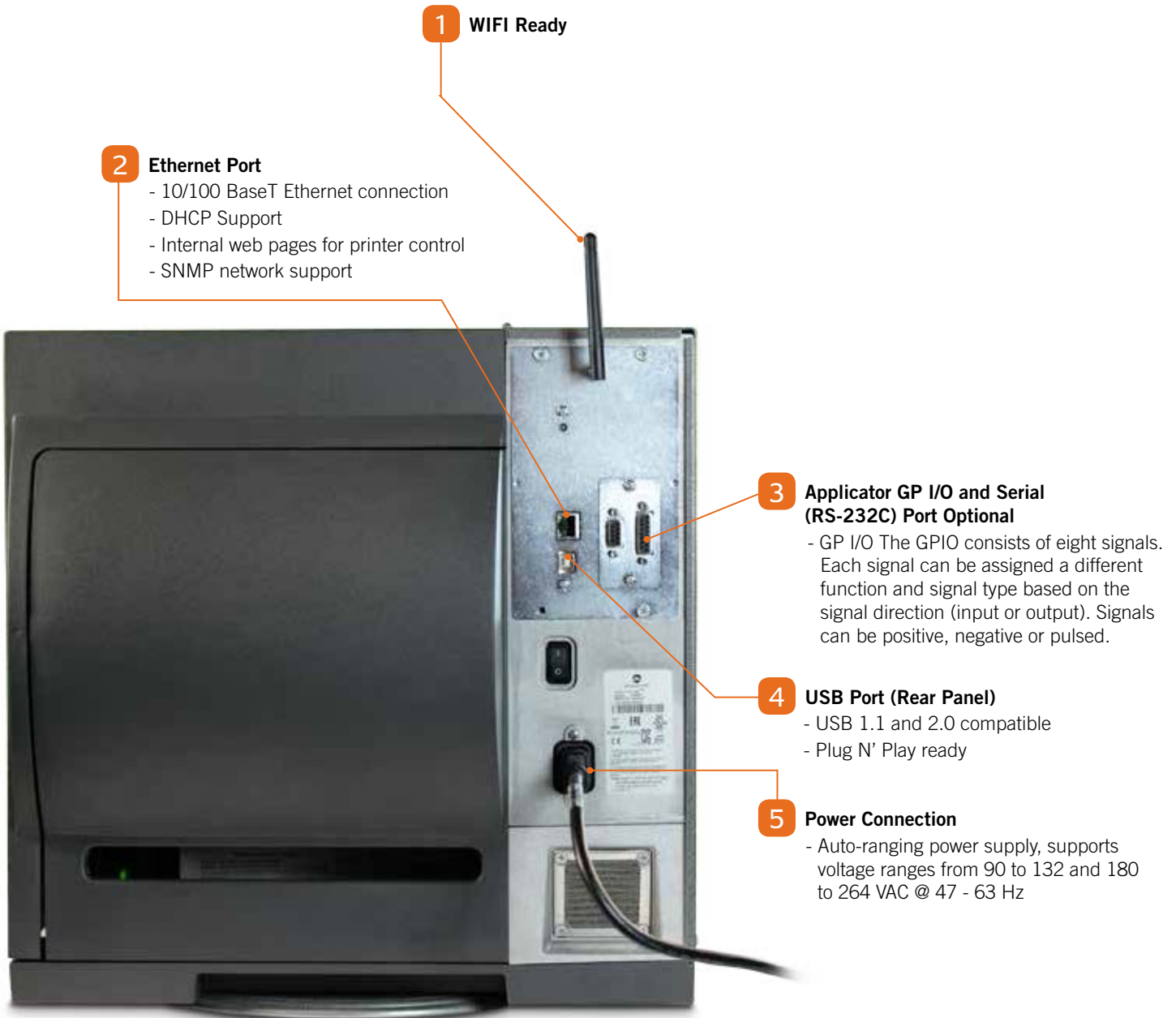- Rugged corrosion-resistant steel enclosure
- Easy-to-clean surface

4 **Large Side Window**

- Continuously monitor media and ribbon supply
- View internal rewind capacity
- Minimize down-time with anticipated media replacement

3 **2 USB Host Ports Standard**

CONNECTIVITY FEATURES

1 WIFI Ready

2 **Ethernet Port**
- 10/100 BaseT Ethernet connection
- DHCP Support
- Internal web pages for printer control
- SNMP network support

3 **Applicator GP I/O and Serial (RS-232C) Port Optional**
- GP I/O The GPIO consists of eight signals. Each signal can be assigned a different function and signal type based on the signal direction (input or output). Signals can be positive, negative or pulsed.

4 **USB Port (Rear Panel)**
- USB 1.1 and 2.0 compatible
- Plug N' Play ready

5 **Power Connection**
- Auto-ranging power supply, supports voltage ranges from 90 to 132 and 180 to 264 VAC @ 47 - 63 Hz
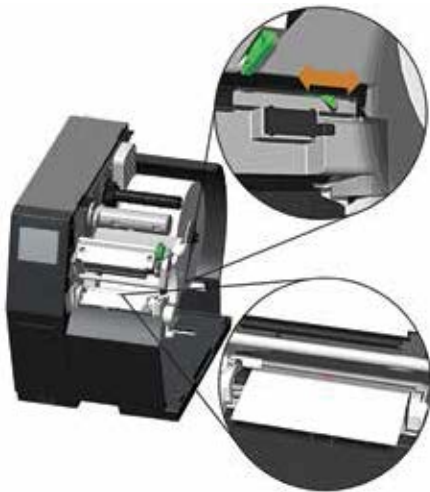
EASE OF USE FEATURES

1 Positive Printhead Latch
- Audible indicator for reliable latching
- Easy-to-use latch handle
- Dual-sided latch for even pressure and consistent and accurate placement of the printhead

2 Easy Top-of-Form Sensor
- Easy to set up virtually any type of media with very little effort
- A bright red light shines to quickly line up the media

3 Easy Printhead Replacement
- The printhead assembly rotates up to allow easy access for cleaning and replacement
- In just 2 easy steps the printhead can be removed and replaced reducing the downtime of mission critical applications

4 Quick Replacement of Platen Roller
- Novice users can replace the platen roller decreasing down time and avoiding costly service calls
- Replacing the platen roller takes less than five minutes without ever accessing the electronic side of the printer

print technology ■ ■ ■

- Printer type:
  – Direct thermal
  – Optional thermal transfer
- Print length range:
  – 0.25" - 99.99" (6.35mm - 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 (417 x 432 x 490mm)
- Operating temperature:
  32°F to 100°F (0°C to 38°C)
- Storage temperature:
  0°F to 140°F (-18°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 PJL, 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 - 228.6mm)
  – 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 - 228.6mm)
  – Core: 1.0" (25.4mm)
  – Length: 1968' (600m)
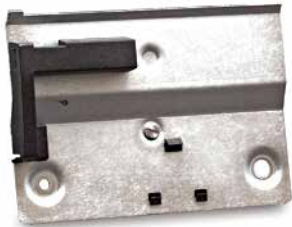 – Coated side in and coated side out

options ■ ■ ■

- Standard Cutter
- Cutter Tray
- Fan-Fold Tray
- Wireless Card 802.11
- GPIO Interface and Serial
- Rewinder
- Basic Peel and Present
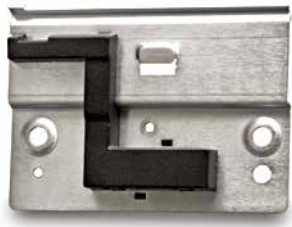
ISO 9001: 2008 CERTIFIED

INTERNAL REWIND "X" MODELS:

A heavy-duty label rewind option using a dedicated DC motor to tightly rewind a full 8" roll of labels and backing onto a 3" diameter core.

BASIC PEEL AND PRESENT

A simple "plate"- style design that automatically separates most printed labels from the backing material and allows subsequent printing to occur only after the removal of a previously printed label. Minimum label length is 1.5" (38 mm).

PRESENT SENSOR

An output control device that allows subsequent printing to occur only after the removal of a previously printed label. *Note: Does not separate label backing from liner. See Basic Peel and Present above.*

CUTTER

Plug and Play. Attach the option and it is auto detected during power up. The cutter is a rotary type mechanism capable of cutting media from .0025" to .0100" (.0635mm – .254mm) thick, and the cutter life is designed to exceed 500,000 cuts.

EXTERNAL REWINDER

The external rewinder (up to 4.5" wide and 8" OD roll) is used for rewinding labels onto a roll as they are printed. This allows for batch printing large, continuous rolls of labels or tags.

H-8308p FREQUENTLY ASKED QUESTIONS

1. WHY PCL5E AND PCL6?

We decided to use PCL, the most recognized printer language in the world, and we selected PCL 5e version since its supports bi-directional communication and Windows® Fonts. It is also backwards compatible to early versions of PCL. PCL printing is supported in most software application around the world, which makes it a plug and play solution.

PCL6 is the next stage of the Hewlett-Packard® LaserJet PCL. PCL6 has three main components. One component, referred to as PCL6 Enhanced, has been optimized for printing from graphical user interfaces (GUIs) like Microsoft Windows® and OS/2. The second component, referred to as PCL6 Standard, provides complete backward compatibility with past HP LaserJet printers. The third component is referred to as Font Synthesis.

PCL OVERVIEW

Unlike most technology solutions, thermal printers have not used an open standard programming language for communication and print control. Printer manufacturers developed their own proprietary language because it was easy to develop, required a minimal investment to enter the market and there were no incentives to standardize a printer language in the thermal printing industry.

Over the years, the lack of a standard printer language in the thermal printing industry has created problems for system integrators by:

- keeping administrators locked into one printer manufacturer for their printing needs
- preventing companies' IT infrastructure from evolving due to slower advances in thermal printing technology
- requiring staff to learn many different proprietary languages
- incurring higher costs to maintain existing applications
- having no portability of label template libraries, and
- having limited or no support for international labels

2. DO YOU HAVE A PCL DRIVER?

Yes, it is included on the CD that ships with the printer and can be down loaded off our web site, www.datamax-oneil.com

3. HOW DO I REPLACE A ZEBRA®, INTERMEC® OR DATAMAX-O'NEIL PRINTER WITH AN H-8308p?

It most cases it is as easy as installing the H-8308p driver in the software. If you are in a DOS or UNIX® application they both support printing directly to a PCL printer, which is one of the reasons we selected PCL as our language. If you are using a UNIX or LINUX® system, CUPS v1.3.x will work.

4. WHAT ABOUT SAP®?

Yes. The H-8308p printer is compliant with all requirements for device types as outlined in the SAP® Printer-Vendor Program. Datamax O'Neil has received the SAP® Silver Level Status, enabling customers to print documents directly from within their SAP® applications. You can download instructions from our website at www.datamax-oneil.com.

DATAMAX-O'NEIL H-8308p	SATO LP 100R
PERFORMANCE	
50 standard scalable fonts	50 standard scalable fonts
600 meter ribbon: Reduces cost and down time or thermal paper which uses no ribbon. Cleanest type of printing.	Uses toner always, which can be contaminated by labels! Toner can escape or leak, contaminating printer, label, tags, documents, user and work environment.
64 MB of flash 64 MB of RAM	16 MB of RAM
8 IPS/43 pages per minute 11"/27.9 cm pages	50 PPM 11"/27.9 cm pages
Full 100% print coverage on label and tags	25% maximum toner coverage on labels and tags
EASE OF USE	
Large color graphics, touchscreen (320 x 240 display)	Touchscreen color graphics display
Double-sided top-of-form sensor	Not stated
Easier-to-load labels with auto loading (zero label waste)	Yes
Automatic media setup	Yes
Display changes color for errors and warning	No
HP Laser compatible PCL5e industry standard printer language	PostScipt®
Rewinder option adjustable torque motor	No rewinder option
Friction-fed paper and labels, easier to load	Pin-fed paper and labels – drives up cost and leaves chad and tear of paper residue
Paper low warning indicator – monitors paper by percentage used	No
Fits on table (41.5 cm h x 43.3 cm w x 48.9 cm d) wt: 59 lb (26.7 kg)	Size of a table (119 cm h x 91.5 cm w x 94 cm d) wt: 570 lb (258.6 kg)
Uses a wide variety of face-stocks and adhesives	
Audio alarm option	No audio alarm offered
COST SAVINGS STANDARD FEATURES	
Lower cost cutter – $1,395	Cutter – $4,000
Standard LAN and USB	Standard LAN and Parallel
Uses up to 90% less energy	Uses up to 10 times more energy.
MAINTENANCE	
Solid aluminum die-cast frame with metal cover	Sheet metal frame
Easy platen roller replacement	
Built-in printhead cleaning routine correctly cleans printhead for increased life and print quality	No built in cleaning routine
Few moving parts	More moving parts to wear out
Built-in diagnostics screens	
List Price – $6,495	**List Price – $40,000**

DATAMAX-O'NEIL H-8308p	MICROPLEX® F60HD
PERFORMANCE	
50 standard scalable fonts	50 Standard scalable fonts
600 meter ribbon: Reduces cost and down time or thermal paper which uses no ribbon – cleanest type of printing	Uses toner always, which can be contaminated by labels! Toner can escape or leak contaminating printer, label, tags, documents, user and work environment.
64 MB of flash 64 MB of RAM	64 MB of RAM
8 IPS/43 pages per minute 11"/27.9 cm pages	59 PPM 11"/27.9 cm pages
10 to 15 db quieter	Loud when printing
EASE OF USE	
Large color graphics, touchscreen (320 x 240 display)	Small monochrome display with buttons
Can use reflective, Gap, Notch or continuous rolled or fan-fold stock	Only says continuous fan-fold
Uses roll or fan-fold media	Fan-fold media only
Automatic media setup	Yes
Display changes color for errors and warning	No
HP Laser compatible PCL5e and PCL6 industry standard printer languages	Yes
Rewinder option adjustable torque motor	No rewinder option
Friction-fed paper and labels are easier to load	Pin-fed paper and labels – drives up cost and leaves chad and tear of paper residue
Paper low warning indicator – monitoring paper by percentage used	Yes
Fits on table (41.5 cm h x 43.3 cm w x 48.9 cm d) wt: 59 lb (26.7 kg)	Size of a table: 31.7" w (805 mm), x 33.5" d (850 mm), x 49.2" h (1,250 mm), wt: 485 lb (220 kg)
Uses a wide variety of face-stocks and adhesives	Limited face-stocks and adhesives available
No warm up-time	2 minute warm-up time, 15 seconds once warm
COST SAVINGS STANDARD FEATURES	
Lower cost cutter – $1,395	Not offered
Standard LAN and USB	Standard LAN, Parallel, Serial USB
Uses up to 90 % less energy	Uses up to 10 times more energy
Uses non-proprietary ribbons saving you money	Uses expensive proprietary toner
MAINTENANCE	
Solid aluminum die-cast frame with metal cover	Sheet metal frame
Easy platen roller replacement	Not stated
Built-in printhead cleaning routine correctly cleans printhead for increased life and print quality	No built in cleaning routine
Few moving parts	More moving parts to wear out
Built-in diagnostics screens	Not stated
List Price – $6,495	**List Price – $36,000**

DATAMAX-O'NEIL H-8308p	PRINTRONIX® T5308r
PERFORMANCE	
50 standard scalable fonts	9 total fonts no scalable fonts
Max print width – 8.52"/216.4 mm	Max print width 8.5"/216 mm
8 IPS/203 mm	6 IPS/150 mm
All direct drive motor driven	Belt driven, produces wear causing issues
64 MB of Flash and 64 MB of RAM	16 MB of Flash and 64 MB of RAM
400 MHZ processor	166 MHZ processor
2 standard USB host ports	No standard USB host ports
EASE OF USE	
Large color graphics, touchscreen (320 x 240 display) Easy to understand user icons	Small monochrome LCD display
Screen changes color for warnings and errors	No
Media hub standard for better control label supply	Media hanger only – label can shift back and forth
Load and print labels from USB drive	No
Automatic media setup	Does not offer
Standard Real Time Clock (RTC)	No
PCL5e/PCL6 industry standard printer language	Does not support PCL
Rewinder option adjustable torque motor	No, (belt driven only)
Dual media sensor Gap and Reflective	Yes
Tracks the use of labels used as percentage to show accurate use of labels supply – also includes low label warning	No
Tracks the use of ribbon used to accurately report percentage used – also includes ribbon low warning	Ribbon low warning only
COST SAVINGS STANDARD FEATURES	
Real Time Clock standard	Real Time Clock $95
Uses both coated-side-in and coated-side-out ribbons providing more purchasing options	Use only coated-side-out ribbons
Full 64 MB of Flash standard	16 MB Flash standard – extra 16 MB $115 (Max 32MB of Flash)
MAINTENANCE	
Easy platen roller replacement: 2 Screws and 2 minutes	Not stated
Built-in printhead cleaning routine correctly cleans printhead for increased life and print quality	No printhead cleaning routine
Replacement printhead = $1,000.00	Replacement printhead = $1,333.33
Direct drive design – no belts used	Driver belts used – belts dry out, crack and wear, need to be replaced
Modular design	No
List Price – $6,495	**List Price – $7,495**

DATAMAX-O'NEIL H-8308p	ZEBRA® 220Xi4
PERFORMANCE	
50 standard scalable fonts	10 total fonts, only 2 are scalable
Max print width – 8.52"/216.4 mm)	Max print width 8.5"/216 mm
8 IPS/203 mm	8 IPS/203 mm
All direct drive motor driven	Belt driven, produces wear causing issues
64 MB of Flash and 64 MB of RAM	16 MB of Flash and 8 MB of RAM
400 MHZ processor	133 MHZ processor
2 standard USB host ports	No standard USB host ports
EASE OF USE	
Large color graphics touchscreen (320 x 240 display) Easy to understand user icons	Small monochrome LCD display
Screen changes color for warnings and errors	No
Media hub standard for better control label supply	Optional, at additional cost
Load and print labels from USB drive	No
Automatic media setup	Does not offer
Standard Real Time Clock (RTC)	Yes
PCL5e/PCL6 industry standard printer language	ZPL proprietary
Rewinder option adjustable torque motor	No, belt driven only
Dual media sensor Gap and Reflective	Yes
Tracks the use of labels used as percentage to show accurate use of labels supply – also includes low label warning	Low label warning only
Tracks the use of ribbon used to accurately report percentage used – also includes ribbon low warning	Ribbon low warning only
COST SAVINGS STANDARD FEATURES	
Uses up a 600 meter ribbon reducing ribbon cost and downtime	450 meter ribbon max.
Uses both coated-side-in, and coated-side-out ribbons – providing more purchasing options	Use only coated-side-out ribbons
Label calibration saved, open and close printhead without wasting labels	2 labels wasted when printhead open to recalibrate
MAINTENANCE	
Easy platen roller replacement: 2 Screws and 2 minutes	Not stated
Built-in printhead cleaning routine correctly cleans printhead for increased life and print quality	No printhead cleaning routine
Replacement printhead = $1,000.00	Replacement printhead = $1,000.00
Modular design	No
List Price – $6,495	**List Price – $7,495**

datamax·o'neil
CERTIFIED SUPPLIES

H-8308p PRINTER/DATAMAX-O'NEIL CERTIFIED SUPPLIES

To achieve optimum print quality and maximum printhead life, Datamax-O'Neil specifies the use of certified labels, receipt paper and ribbons. These supplies are specifically formulated for use in our printers; use of non-Datamax-O'Neil supplies may affect the print quality, performance, and life of the printer or its components.

Datamax-O'Neil offers a wide variety of world-class quality supplies for the transportation and logistics, food and beverage, chemical drum labeling and manufacturing industries. Datamax-O'Neil supplies are engineered and tested with Datamax-O'Neil printers to provide optimal performance with maximum output through your Datamax-O'Neil Printer - guaranteed.

If you would like a complete list of our Certified Datamax-O'Neil Supplies contact your Datamax-O'Neil Supplies Specialist, or to design a custom label or tag exact to your specification, call 407-523-5650.

Datamax-O'Neil labels, tags, receipt paper and ribbons support a broad range of barcode printing applications in mild to harsh environments. We offer a wide variety of these types of materials as stock products for fast delivery from our 3 locations, (CA, FL, and IL). Datamax-O'Neil will also customize the label material, configuration, size or any other feature to meet the most challenging environment. Datamax-O'Neil's supply experts and engineers can help develop custom solutions to meet any unique requirement.

▪ Chemical Drum Labeling Solution with the H-8308p Printer

Safety. Efficiency. Compliance. We understand the importance of these three words as they relate to the needs of Hazmat container labeling. And with this understanding comes a commitment to provide a printer and label combination that fulfills these needs.

Drums and containers used to transport petroleum, paint, liquid and powder chemicals must be designed to hold up under extreme conditions, without failure…and the labels on these containers must also meet the demands of these extreme conditions. Our drum labeling solutions are guaranteed to meet these demands and comply with up-to-date standards. Print your drum label with Datamax-O'Neil's H-8308p printer along with our certified compliance labels and ribbons that meet the internationally recognized British Maritime (BS5609, section 3) standard for abrasion resistance, permanence of print and overall image durability.

▪ Direct Thermal Paper for the H-8308p Printer Solutions

Datamax-O'Neil Printer Supplies is the only provider that offers seven grades of Direct Thermal paper specifically designed for the H-8308p printer, ensuring optimum performance….Guaranteed! Choose from economy grade paper, to paper that has a 25 year archivability.

Use the H-8308p printer for applications that requires a wide width paper. We can customize your 8.5" x 11" warehouse packing slip or pharmacy instructions with your brand, watermark, or logo printed on the front or back of the paper. Datamax-O'Neil will customize your direct thermal paper to your application and help you build your brand recognition.

The world's most reliable printers deserve the most reliable paper. When you choose Datamax-O'Neil, you receive Datamax-O'Neil's commitment to superior quality.

THE RIGHT RIBBON FOR YOUR APPLICATION

Datamax-O'Neil knows how important it is to choose the right thermal transfer ribbon formula for your labels and the right format for your label printer. The right label and ribbon combination is critical in any application. With the right ribbon and printer settings, you will get the best print quality and durability.

Datamax-O'Neil offers a full line of printer ribbons in numerous sizes, colors, and ink formulas for a wide range of applications. With wax, wax/resin and resin thermal transfer ribbons available to fit Datamax-O'Neil printers, we have the solution for any requirement among our on-hand stock of hundreds of ribbon varieties.

■ GPR Plus Wax

GPR Plus is a premium general purpose resin-enhanced wax ribbon, offering broad performance characteristics and delivering a high-quality crisp image with applications that require high-speed printing and enhanced printhead protection.

- Delivers dark, defined images
- Prints at speeds up to 12 IPS, including rotated bar codes
- Enhanced smudge and scratch resistance
- Prevents static build-up
- Our most time tested and proven ribbon

Recommended Applications: Shipping labels, barcodes, retail bags, pharmaceutical labels, ingredient labels, storage labels.

■ PGR-A Wax/Resin Ribbons

PGR-A is a high quality, extremely durable 4.5 micron thermal transfer wax/resin-based ribbon. Designed for use on uncoated papers, coated papers and synthetic labels.

- Very good resistance to smudge
- Very good printing quality at high speed (up to 12 IPS)

Recommended Applications: Inventory, shipping, pharmaceutical, retail labeling, flexible packaging

■ PGR+ Wax/Resin Ribbons

PGR+ is a premium wax-resin ribbon offering broad performance characteristics and smudge resistance. These ribbons produce a high-quality image on the broadest range of materials.

- Strong scratch and smear abrasion resistance on papers, synthetics and polyesters
- Excellent edge definition and print quality at high dpi and print speeds of up to 8 IPS
- Broad range of receiving facestocks

Recommended Applications: Heat shrink applications, applications requiring moderate scratch and smear resistance, general retail, apparel

SDR-A Resin Ribbons

SDR-A is a superior resin ribbon offering broad performance characteristics and smudge resistance. These ribbons produce a high-quality image on the broadest range of materials in extreme application environments. SDR-A series ribbons print on both paper and film materials and is certified when used with Datamax-O'Neil's ChemShield labels. (BS5609 Section 3 compliant)

- Excellent printing quality on a variety of facestocks (papers to films)
- Excellent resistance to smudge and scratch
- Good resistance to high temperatures

Recommended Applications: Chemical drum labeling, pharmaceutical, cosmetics, rating plates, retail labeling, healthcare and automotive

SDR-5+ Premium Chemical Resistant Resin

SDR-5+ is our most robust resin ribbon designed to withstand harsh chemical environments. SDR-5+ is certified when used with Datamax-O'Neil's ChemShield labels. (BS5609 Section 3 compliant)

- Resin ribbon capable of handling extreme environmental labeling
- Highly chemical resistant including alcohol and petro chemicals
- Unmatched in abrasion and solvent resistance
- UL/CSA recognized with matching receiver
- Wide print latitude to broad range of plastic films, synthetics and polyesters

Recommended Applications: Extreme-environment labeling, circuit board labels, chemical drum, automotive, signage, electronic component, product identification and asset tracking labeling

SOFTWARE

■ **Windows® Drivers**
The H-8308p has drivers for use on the latest Windows® operating systems, Windows® 7 and 8. The drivers allow the user to view and change printer settings from any Windows® software application, simplifying the print process. Windows® drivers are available on the CD included with the printer or can be downloaded at www.datamax-oneil.com.

■ **Datamax-O'Neil PW Series Configuration Utility**
PW Series Configuration Utility is a Windows® software application that allows for the easy access and setup of the H-8308p printer. It can be used with the USB and ethernet communication ports available on your printer and allows you to store away settings to be applied to a different printer. This is ideal when you are replacing or adding printers to your application. It is available on the CD included with the printer or can be downloaded at www.datamax-oneil.com.

■ **Embedded Browser Configurator**
The H-8308p has a resident web page embedded into the firmware that is accessible via a web browser. The web page allows full access to the printer's settings and allows complete configuration. Accessing the printer via the Embedded Browser Configurator is easy: simply connect the printer to the network, start the browser program, and enter the printer's IP address. The resident web page will pop up and the printer is up and running without the need to install software or a specific operating system.

■ **Firmware**
The H-8308p uses an advanced LINUX® based firmware system. Running LINUX® for the operating system allows greater flexibility and integration paths. The open nature of LINUX® allows for the H-8308p to be a printer for today and tomorrow's technologies as it can adapt as needs and systems change with time.

■ **HP Laser Compatible Thermal Printer**
PCL was first introduced in HP's LaserJet® series printers and became the standard protocol language for desktop, commercial laser printers and ink jet printers. Datamax O'Neil has brought this language to the thermal printing world. We support a full range of PJL commands as well, and use a license version of PCL5e and PCL6.

■ **PCL Macros**
A macro is a group of PCL commands created by the user, downloaded and stored in the printer. Once stored, a macro can be recalled using a single command. The macro can contain fonts, barcodes or graphics and is useful for storing logos, letterhead forms or other repetitive printer command sequences. Macros eliminate the need to download static data repeatedly, thus improving throughput time.

■ **Store Label formats**
You can store label formats in the internal flash memory, and print from the touchscreen display.

■ **International Language printing**
Supporting localization of dozens of languages including Hebrew, Arabic, Chinese, Japanese, and Korean. With the flexibility of PCL, the H-8308p can be customized to include a Unicode data stream capable of producing more than 65,000 characters. Being able to immediately print international pallet and package barcode labels and pick lists, with no custom coding required, greatly increases global inventory and traceability responsiveness.

▪ Software Package Support

At Datamax-O'Neil, customer satisfaction is our number one priority. We strive to provide the industry's finest service and support for our customers worldwide.

When you call in with a question, we're ready to respond quickly and effectively. Likewise, our support professionals are here to make sure your development and implementation projects run smoothly and without incident.

Got a question? Check out our FAQs on Page 17 of this Product Guide where we answer some of the most common questions about our the H-8308p. If you still cannot find a solution to your issue, please contact us or check our website at www.datamax-oneil.com.

▪ LINUX®/UNIX®

Yes. You may use standard Gutenprint PCL drivers.

▪ Apple®

Yes. Use standard generic PCL5 of PCL6 drivers.

▪ SAP®

Yes. The H-8308p printer is compliant with all requirements for device types as outlined in the SAP® Printer-Vendor Program. Datamax O'Neil has received the SAP Silver Level Status, enabling customers to print documents directly from within their SAP applications.

1898463 - Printer Vendor Wizard Note: Datamax-O'Neil

Version	4	**Type**	SAP Note
Release Status	Released for Customer	**Language**	English
Responsible	Ricky Bain (C5179339)	**Masterlanguage**	English
Processor	Parvathy S (I061455)	**Last Changed On**	29.04.2014 01:57:43
Component	BC-CCM-PRN-DVM (Printer Administration)	**Created On**	09.08.2013 02:39:22

Solution

Supported Printer model/ device type combinations:

Consecutive Number   Printer Model   device type
001 p1120n YDM1120
002 p1125 YDM1120
003 p1115 YDM1120
004 p1115s YDM1120
005 p1725 YDM1120
006 w1110 YDM1120
007 H-8308p YDM1120

MANAGED PRINT SERVICE (MPS) WHAT IS IT?

Managed Print Service is the active management and optimization of document output devices and related business processes. Simply put, it is a type of service that is offered to effectively monitor and manage network and local devices for meters, supplies and service. Dealers that offer MPS to their customers, commonly use a remote management software tool to provide valuable data to build and maintain a customer's program. The definition of MPS is the same from dealer to dealer, but the level of detail and administration varies.

Some people think of it as the pay-per-print model, but it is much more. MPS is a tool to manage a company's output devices use and productivity. It helps to manage cost and reduce downtime and waste.

A significant number of large and medium-size companies worldwide have migrated to this software to manage their device fleets. Regardless of the size of an organization there is a widespread demand by companies wanting to adopt this model of management to control cost and increase productivity.

Datamax-O'Neil has worked with a number of data collection companies to make the H-8308p printer easy and ready to integrate into the complete solution.

The H-8308p printer has the most robust public and private management information base (MIB) in the thermal printing world, which allows the printer to be managed similar to laser devices today. Beyond meter collection, users also have the ability to track service and supplies utilized in the device and see activity data via a User Interface or reporting tools.

HERE'S WHAT YOU GET WITH THE H-8308p:

- Percent of ribbon used and remaining
- Percent of labels used and remaining
- Type of media needed for reordering
- Printer alerts mount of stock left in printer
- Ribbon low warning
- Service and printing errors
- Preventative maintenance alerts
- Device details indicating when supplies were replaced and maintenance completed was completed
- And much more

WHAT DOES THAT MEAN FOR MY COMPANY?

You can resell this software and increase your label and ribbon sales and get recurring monthly revenue for the services you provide all at the same time. Using an MPS methodology you can use a consultative approach become a solutions provider for your users.

To help you learn more about MPS, we have included information about some valuable partners offering these types of software in the following pages. These companies fully support our H-8308p and Performance Series MIB by integrating our technology into their software applications. They are looking forward to working with new resellers in the AIDC market. Please contact your D-O sale person for contact information or feel free reach out to them yourselves – *and tell them you are a Datamax-O'Neil partner!*

ECi fmaudit™
Collect. Manage. Profit

THE TOTAL MANAGED PRINT SOLUTION

WHAT CAN YOU DO WITH FMAUDIT?

FMAudit is a complete suite of solutions for remote meter collection and managed print services. While most of our clients initially look to us for remote meter reading solutions or print management assessment tools, many are pleased to learn about the unique solutions we offer to help a dealership reduce overhead, automate service and increase sales.

USING FMAUDIT MANAGED PRINT SOLUTIONS WILL:

- Remotely install, maintain and update software with limited IT staff involvement
- Maintain 100% control of your data—no third party has access to your data
- Reduce overhead, automate processes and increase sales.

◼ **WEBAUDITS: Gather Meters Without Installing Software**
Other solutions require you to install software on your clients'networks. While we do offer this option, WebAudit gives you the flexibility to capture meter readings through an innovative Web application—perfect when your client won't let you install software.

◼ **TCO REPORTING: Quickly Discover Total Cost of Ownership**
The foundation of selling managed print services contracts is understanding TCO. FMAudit makes this easy with TCO reporting that cross references fleets with a database of over 10,000 devices and their operation costs.

◼ **SUPPLY TRIGGERED MARKETING: Automatically Market Supplies for Machines Not Under Contract**
Imagine having a supplies sales rep sitting next to each nonmanaged printer in your clients' offices. When the toner cartridge is almost empty, Supplies Triggered Marketing sends an email to your client with a link to your toner store. (Don't have a store? No problem. We can set one up for you.)

◼ **SUPPLY TRIGGERED DELIVERY: Manage Deliveries and Supply Inventory**
Shipping too much toner to your clients leads to bloated inventories and higher costs. Supply Triggered Delivery lets you control when toner is shipped based on the average usage of each device. This means clients get toner just in time, lowering your inventory and boosting profits.

◼ **LOCAL AGENT: Capture Meters for Non-networked Devices**
With up to 40% of printers not connected to networks, the ability to capture local printermeters is critical. Local Agent allows you to collect meters from local printers, enabling you to deliver (and bill for) a total managed print solution.

◼ **BI-DIRECTIONAL ERP SYNCHRONIZATION: Integrate Dynamically with Accounting/Dispatch Software**
Other solutions only push meters to your billing system leaving you to spend countless hours reconciling devices. FMAudit features two-way communication with your billing and service dispatch systems, reducing your administrative costs and hassles.

FMAUDIT IS THE MOST UTILIZED MPS SOFTWARE IN THE WORLD!
Schedule a demo with FMAudit TODAY!
www.ECiSolutions.com/GetMPS or 573-632-2461

573-632-2461 • fmaudit@ECiSolutions.com • www.fmaudit.com

ECi Software Solutions | Inc. 500

PRINT AUDIT PREMIER

When you sell print management your customers wins and your software vendor wins, but you get left out. Finally you are invited to join the party with Print Audit Premier.

Print Audit Premier is a new subscription plan that gives you access to all of Print Audit's products for one low monthly price.

PREMIER SUBSCRIPTION PRODUCTS INCLUDE:

Print Audit Facilities Manager
· Remote meter reading
· Supplies & service management
· TCO analysis

Print Audit 6
· User & workflow Analysis
· Printing Rules
· Cost Recovery

Print Audit Assessor
· In-depth print assessment, including job level detail

Print Audit Secure
· Secure release printing
· "Follow me" pull-printing

Print Audit Embedded
· Copy, scan and fax tracking directly from the panel of supported MFP's

Print Audit Rapid Assessment Key
· USB based Rapid Assessment

THE 3 PRINT AUDIT Premier PROMISES

Premier members receive exclusive access to a new web portal that details how Print Audit® has helped your company:

1. Win New Customers

80% of MPS and equipment deals are won using user and device assessment tools. Premier includes unlimited, in-depth assessments.

2. KEEP CURRENT CUSTOMERS

With Premier, your customer doesn't own the software; you do. This makes it more difficult for them to leave your program.

3. BUILD RECURRING REVENUE

Premier members charge customers for user management software while paying a fixed cost, which means their profits go up with every customer.

Plus exclusive benefits from Print Audit partners such Photizo, P4P Hotel, Newfield IT, GreatAmerica, Focus MPS, IDC and more!

Visit www.printaudit.com/premier
to sign up now or
Call 877-412-8348 for more information.

LIMITED WARRANTY STATEMENT

Datamax-O'Neil warrants to Purchaser that under normal use and service, the H-8308p Printer, purchased hereunder shall be free from defects in material and workmanship for a period of (365) days from the date received. Expendable and/or consumable items or parts such as lamps, fuses, labels and ribbons are not covered under this warranty. This warranty does not cover equipment or parts that have been misused, altered, neglected, handled carelessly, or used for purposes other than those for which they were manufactured. This warranty also does not cover loss, damages resulting from accident, or damages resulting from unauthorized service.

WARRANTY SERVICE PROCEDURES

If a defect should occur during the warranty period, the defective unit shall be returned, freight and insurance prepaid, in the original shipping containers. A Return Material Authorization (RMA) number must be issued before the product can be returned. The RMA number must be on the outside of the box and on the shipping document. Be sure to include a contact name and a description of the problem(s). Datamax-O'Neil shall not be responsible for any loss or damages incurred in shipping. Datamax-O'Neil will repair defects covered under warranty conditions and return the repaired or replaced product to the Purchaser at Datamax-O'Neil's cost. The warranty shall continue in effect until the end of the original warranty period, or for sixty (60) days after the repair or replacement, which ever is later.

To attain an RMA number please contact Datamax-O'Neil according to the regions listed below:

North and South America
Datamax-O'Neil (USA)
4501 Parkway Commerce Blvd.
Orlando, Florida 32808 USA
tel: +1 407 523-5550

Asia Pacific and Australia
Datamax-O'Neil (ASPAC)
Contact below for RMA and return instructions
tel: +65 6505 2259
tsaspac@datamax-oneil.com

Europe, Middle East and Africa
Datamax-O'Neil (EMEA)
26, Rue Gaspard Monge
Bourg Les Valence, FRANCE 26500
tel: +33 (0) 4 75 75 56 72
fax: +33 (0) 4 75 82 98 38

HOW TO ORDER

Printers are offered with a variety of features and options that define the final product. There are hundreds of part number possibilities when configuring to a specific product. Accessories are not as complex as printers, but compatibility should always be considered. The sections below describe the process of getting the final part number you need to order for a printer or accessory.

PRINTERS AND OPTIONS

To order a printer, you must generate the configuration identification number (CID) using the table below. Simply fill in the digits with the base printer and options desired. Submit your order according to your CID and description.

Datamax O'Neil H-8308p
`C` `8P` - `00` - `☐` `☐` `☐` `0` `☐` `0` `☐`

	USD	Euro	
Printer Model			
H-8308p 8" - 300 DPI / 8 IPS Printer, USB, Ethernet & 2 USB Host Ports	$6,395	€ 5,595	BA
Custom Kit			
Datamax Standard Kit	$0	€ 0	00
Direct Thermal/Thermal Transfer			
Direct Thermal	$0	€ 0	0
Bi-Directional Thermal Transfer	$100	€ 85	4
A/C Power (Autorange Supply) Configuration and Cord			
No power cord supplied			0
US Power Cord	$0	€ 0	8
UK & European Power Cord	$0	€ 0	6
Continental Europe Power Cord	$0	€ 0	3
UK & Ireland Power Cord	$0	€ 0	4
250V Black Power Cord With Straight -in-Brazil plug	$0	€ 0	5
100V Black Power Cord with Japanese Plug	$0	€ 0	7
Denmark Power Cord	$0	€ 0	2
220V Black Power Cord with Straight -in-Plug Australian	$0	€ 0	N
Switzerland Power Cord	$0	€ 0	F
Italy Power Cord	$0	€ 0	P
India Power Cord	$0	€ 0	9
220V Black Power Cord with Straight -in-Plug Israel Plug	$0	€ 0	U
220V Black Power Cord with Straight in Plug Argentina Plug	$0	€ 0	W
220V Black Power Cord with Straight in Chinese Plug	$0	€ 0	Y
Present Sensor/Rewinder Options			
Do Not Include This Option	$0	€ 0	0
Present Sensor and No Internal Rewinder	$105	€ 90	1
Internal Rewinder	$755	€ 665	4
Present Sensor with Internal Rewinder	$820	€ 725	6
Basic Peel & Present Option with Internal Rewinder	$855	€ 750	E
Cutter Option			
Do Not Include This Option	$0	€ 0	0
Standard Cutter	$1,395	€ 1,299	4
Font Expansion Option			
Do Not Include This Option	$0	€ 0	0
Interface Option			
Do Not Include this option			0
GP I/O & Serial Port and 802.11b/g Wireless WiFi not released, but coming soon	$990	€ 865	D
GP I/O & Serial Port	$395	€ 345	G
802.11b/g Wireless WiFi not released, but coming soon	$595	€ 520	L
Scanner/RFID Options			
Do Not Include This Option	$0	€ 0	0
Misc. Options			
No Media HUB			0
3" Metal Media Hub	$0	€ 0	4

H-8308p Printhead

PHD20-2234-02 Spare Printhead 8" 300 dpi	$1,000	€ 810

H-8308p Options

OPT78-2613-21 Thermal Transfer Assembly	$100	€ 85
OPT78-2655-21 Basic Peel and Present Sensor - requires Internal Rewinder Mechanism	$100	€ 87
OPT78-2618-21 Standard Cutter Kit for 10 mil stock	$1,395	€ 1,299
OPT78-2985-02 Serial / GPIO Port	$395	€ 345
OPT78-2627-21 Internal Rewinder (Powered)	$755	€ 665
OPT78-2995-01 Option cutter tray H8308p	$395	€ 345
OPT78-2996-01 Option Fanfold tray H8308p	$350	€ 315

right by our customers ▪ ▪ ▪

around the world.

North America

Corporate Headquarters - Florida
4501 Parkway Commerce Blvd.
Orlando, FL 32808
Tel: 800-816-9649
Fax: 407-578-8377

California
8 Mason
Irvine, CA 92618
Tel: 949-458-0500
Fax: 949-458-0708

Datamax-O'Neil Printer Supplies
7656 E. 700th Avenue
Robinson, IL 62454
Tel : 618-546-5418
Fax : 618-546-1518

Asia Pacific

Singapore
1 Boon Leat Terrace #05-03
Habourside Building 1
Singapore 119843
Tel: +65-64600161
Fax: +65-62740163

China
Room 2105, Zhongyu Plaza, No. A6
Gong Ti Bei Lu, Chaoyang
District, Beijing 100027
Tel: +86-10-85235573
Fax: +86-10-85235722

Thailand
2nd Floor, RN Building
961 RAMa 3 Rd
Bangpongpang, Yannawa
Bangkok 10120
Tel: +66-2-6897333
Fax: +66-2-6897337

Australia
Suite 201, T1 Building
Norwest Business Park
14-16 Lexington Drive
Sydney NSW 2153
Tel: +61-2-9421-5602
Fax: +61-2-9421-5699

Latin America

Argentina
Av. Franklin D. Roosevelt 4989
Suite 303
Buenos Aires (C1431BZC)
Tel: +54-11-5555-6519
Fax: +54-11-4521-8022

Brazil
Av. Nações Unidas, 12495
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