Performance Series

The most user friendly industrial thermal printers

product guide for resellers ■ ■ ■

datamax · o'neil
by Honeywell

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Ready

PERFORMANCE SERIES

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WHY DATAMAX-O'NEIL BY HONEYWELL

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 Performance Series.

With an unwavering commitment to unparalleled customer care, Datamax-O'Neil maintains key facilities in Florida, 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.

Honeywell Scanning & Mobility is a leading manufacturer of high-performance image-and laser- based data collection hardware, including rugged mobile computers and bar code scanners. Our product portfolio is one of the broadest in the AIDC industry, providing you with solutions for vertical markets such as retail; healthcare; and transportation and logistics. We complement our innovative products with advanced software, service and professional solutions that enable customers to effectively manage data and assets. Honeywell products are sold worldwide through a network of distributor and reseller partners.

datamax·o'neil
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PERFORMANCE SERIES

Datamax-O'Neil Performance Series is a new, innovative family of printers that has been designed to resolve a number of operational issues that users had been having with their thermal printers for many years. The result is a printer family that is the easiest to load, easiest to use and easiest to integrate of any thermal printers available anywhere. The Performance Series printers offer superior print quality, auto-load capabilities, user-friendly color touchscreen, unparalleled print registration and an industry-standard printer language, PCL. PCL is standardized to run on a variety of operating systems, so its operation is independent of any application software that may be running on a computer. This ensures faster and easier plug-and-play integration, which gets the printer systems up and running sooner.

The Performance Series printers are manufactured to the highest standards and feature a die-cast frame and metal covers that are ideal for industrial environments. Available in 4" (4.16 in./105.7 mm) or 6" (6.83 in./173.5 mm) label-printing capabilities, Performance Series printers can print at speeds from 6 inches per second (ips)/152 milimeters per second (mmps) to 10 ips/254 mmps and from 300 dpi to 600 dpi to meet the most diverse requirements.

The Performance Series family consists of five printers: the P1115 300 dpi; P1115s 600 dpi; P1125 300 dpi; P1725 300 dpi; and the near-edge P1120n 300 dpi.

The Datamax-O'Neil P1120n Near Edge Performance Printer offers a unique near-edge printhead that allows full use of the label, giving users the ability to design and code barcodes that support detailed information. The flexible multimedia printing allows labels to be printed on synthetics, tags, self-adhesives and plastics. With a media thickness more than twice that of flathead printheads (0.0025" - 0.025"/0.0635 mm - 0.635 mm), the near-edge printhead gives users the ability to integrate barcode printing across a wide variety of applications.

■ **What if a printer…**

- Could be loaded without wasting a single label? **Calculate your label savings!**

- Was auto-loading? **Ease of operation!**

- Could use an existing HP laser driver to print? **Easier to install!**

- Could be managed online with the same software that IT groups use to manage their laser and multi-function printers? **Ease of management!**

- Could tell you how much label and ribbon was left? **Easier to operate!**

- Was so advanced it would automatically adjust the printhead for width of media so print quality was never compromised with increased printhead life? **Better quality and lower maintenance cost!**

- Warned you when the cover is opened? **Safety and quality!**

- Had a Linux® operating system? **Easier to integrate and update!**

- Had an intuitive touchscreen display? **Ease of use!**

It would be the most revolutionary thermal printer on the market and give you the best total cost of ownership.

We bring you the Performance Series printers.

Key Benefits ▪ ▪ ▪

24/7 HIGH-VOLUME PRODUCTIVITY AND PERFORMANCE

- **High Volume** – The Performance Series printers are designed for high-volume applications and are capable of printing thousands of labels a day….every day. We believe that 24/7 is not just a catchphrase, but a requirement for a robust printer.

- **Fast Print Speed** – The Performance Series will boost productivity with high print speed and reliable, accurate print quality. A variety of print speeds and resolutions from 300 dpi to 600 dpi are available to cover all applications. With no waiting time for the first label out compared to laser printers, it will improve workflow and efficiencies.

- **Increase Productivity** – The Performance Series' advanced monitoring system informs you when the printhead needs cleaning. The built-in printhead cleaning routine ensures proper cleaning, which prolongs the life of the printhead and reduces the downtime associated with routine printhead replacement. This also results in better barcode and print quality.

RELIABILITY

- **Total Cost of Ownership** – When calculating total cost of ownership, it is important to factor in a printer's reliability. The Performance Series offers everything you need to keep productivity high and cost of ownership low, including quick-change printheads and platen rollers with exceptional reliability.

- **Built to Last** – If a printer is going to work 24/7, it has to be built to last. The Performance Series has a solid die-cast aluminum frame with durable metal cover cabinet. The frame receives a powdered-coat paint finish. The galvanized metal cover has a polyester epoxy hybrid paint that is used in the home-appliance industry for products like hot-water heaters, stoves and refrigerators.

- **Gear Driven** – Forget about replacing broken belts or adjusting belt tension – the Performance Series 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 and peel-and-present sensors can be easily added in the field.

EASY TO INTEGRATE

- **Communication Ports** – Integrating the Performance Series printers couldn't be easier. Included are the industry's two most widely used interfaces as standard Ethernet and USB. Optional ports include W-LAN, GPIO & Serial, and a USB Host port.

- **Popular Security Protocols** – The Performance Series includes all of the wireless security protocols that will likely be needed, including WEP, WPA and WPA2.

- **Manage an Entire Network** – Since the Performance Series is about standards, users are able to use standard network-management tools from IBM, HP and others.

- **Printer Language** – The Performance Series is an HP-compatible license PCL printer and contains PCL5e and PCL6, which is the most widely used printer language in the world. The actual PCL language is licensed for the printer, just like laser and ink printers.

- **Graphic Color Touchscreen display** – A large 320 by 240 color touchscreen display equipped with intuitive menu flow and international icons make the user interface and navigation seamless.

- **Automatic Media Loading** – It takes no skill or special instructions to load labels …just place the label in the green colored tracks and the printer will load and calibrate the label with **zero resulting label waste**.

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

- **Large Flash Memory** – To store label formats and PCL macros.

FEED IT AND FORGET IT- WITHOUT WASTE

When Datamax-O'Neil set out to bring the next-generation thermal printer to the market, it started the effort by identifying the most common challenges faced by the end-user. We wanted to make that experience the best it could possibly be. We realized that we needed to eliminate the waste and lost productivity associated with the most common printer interaction – loading the media – and that it had to become priority number one. The company determined that it would bring to market a device that would minimize or altogether eliminate wasted consumables at the loading stage.

This cost can be considerable when added up over the number of printers and labels run every year. Why throw good blank labels in the trash every time you load the printer? Why accept this as normal?

The average user wastes four to six labels when loading a printer, plus a corresponding amount of wasted ribbon on printers that use ribbon. This is a cost that can be saved by using the right printer. **NO company wants to waste money!** Only the Performance Series line of printers can stop the label waste.

Various proprietary design features were developed by Datamax-O'Neil for the Performance Series to alleviate this financial burden. Performance Series printers are equipped with a loading roller and sensors that immediately sense the media edge and position the first label perfectly every time it's loaded. This removes the need for constant adjustments that must be made to the media guide when loading. The loading roller and flat paper path reduces media slippage, resulting in perfect registration from the load of the very first label. This savings of label costs is further compounded by the labor productivity gains achieved when the printer loads and operates without the need for user intervention and adjustments.

Every application can take advantage of the Performance Series' innovative and proprietary design features, which have been designed to make the user experience easy, cost-saving and productive.

We have highlighted a few of the applications where Performance Series printers will provide the best label solution and years of durability. It has a Linux® operating system that is built for today and tomorrow's world.
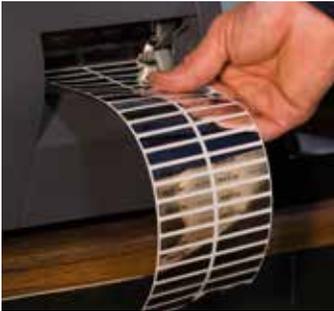
LASER REPLACEMENT
Now you can use the same PCL formats you used with laser printers and use them to print with a thermal printer. Still use your valuable MPS software and standard print-management tools. We have removed the thermal proprietary language stumbling block.

Cleaner Printing – Thermal printing is the cleanest type of printing when compared to laser, ink jet and dot-matrix impact printing. With those forms of printing, toner can escape or leak, contaminating the printer, label, tags, documents, user and the work environment. Toner also 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. Users also need 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.

Other thermal-printing advantages over laser: four to five times more energy efficient, lower maintenance costs, faster and higher label output, more diverse face stocks, and more adhesive choices.

HEALTHCARE & PHARMACEUTICAL
Safety, privacy and accuracy are critical to success in the healthcare and pharmaceutical industry. The Performance Series is one of only a few thermal printers with AES-256 data encryption on the Ethernet and USB ports to comply with HIPPA and FIPS 170.210 and FIPS 140-02 encryptions requirements. It also provides the best accuracy on print registration with its print mechanism, which is critical for reading label information quickly and correctly for patient care. The printer is the easiest printer to load with zero label/wristband waste. This keeps the staff focused on the patient instead of the printer. In the pharmaceutical industry, with hologram and anti-counterfeiting labels, every label, printed or not, is tracked and you never want to waste a single label.

PRECISION SMALL-LABEL PRINTING (ELECTRONICS)
Small labels for circuit boards, chips and cable wiring can be very difficult to print accurately. Any small label for any industry can have this problem. They also tend to be printed on a very expensive material like polyimide. The auto-loading and calibration design of the Performance Series printer allows loading without wasting expensive labels. The flat label path and dual-roller design holds the label in place for accurate printing, which makes it the perfect printer for printing small labels

ERP/SAP INTEGRATION

When the thermal printer speaks the same language as HP PCL laser printers it is easy to install and print with them. The Performance Series runs on a Linux operating system. Besides having the standard Windows® drivers, it also has CUPs drivers, MAC drivers and SAP-device types. Many ERP systems use Managed Print Service (MPS) to manage their printers. The Performance Series is ready for use in these MPS systems. It has very strong Management Information Base (MIB)-reporting capability for the information that controls supplies and service. Additionally, the auto-loading design with zero label waste can save companies thousands of dollars in wasted labels every year.

RETAIL

Retailers operate on some of the smallest margins in business and at peak times use a temporary work force. Therefore, they need the most user-friendly design and cost-efficient solution. The auto-loading design with zero label waste eliminates the normal waste of thermal printing and makes it the easy for anyone to use. Reducing cost and increasing profits. It also offers security that is needed with AES-256 data encryption on all of the ports. Another retail-friendly feature is the dual-sided media sensor. This sensor allows the black bar to be on top of the tag or label, which is a request that was heard from many customers. This is now a standard feature in all Performance Series printers. Safety is always a front-of-mind concern in retail, so we made standard the cover-open warning because long hair, loose clothes, smocks and jewelry can be caught when the label and ribbon are moving. These standard features separate the Performance Series from the competition.

HORTICULTURAL/THICK TAGS STOCK

The Performance Series P1120n near-edge printer model has been designed to meet the needs of this difficult market. The P1120n printhead allows for better contact and longer printhead life when printing on thick plant stakes, tree wraps and tag stock. The P1120n can print on plant stakes up to 4.65" (118 mm) wide and any color. The proprietary print-mechanism design handles the different plastics used for these stake with ease. It is great for hang tags and even with long-neck labels. The near-edge head allows for faster printing of the plant stakes to get the long runs done quickly with easily readable barcodes that can be scanned the first time. It also contains all of the standard features of the Performance Series family.

FEATURES AND BENEFITS:

Performance Series printers can be used in a wide variety of industries, such as Pharmaceutical, Healthcare, Manufacturing and Retail, in applications that require a range of media compatibility, connectivity and standard features. Key features are listed below:

- **Connectivity:** Standard with Ethernet and USB device the two most popular connections, giving users integration flexibility.

- **Rugged:** Gear-driven design with precision die-cast aluminum frame, provides durability and is lightweight. A steel corrosion-resistant cover offers protection in industrial environments.

- **Auto-Loading of Labels:** A proprietary solution for loading labels into the printer. With zero label waste when the label is more than 0.50"/12.5mm long, this cost-saving solution is standard on all Performance Series printers.

- **Auto-Calibration of the Label:** The Performance Series innovative design allows auto-calibration of labels (when the label is more than 0.50"/12.5 mm long) and uses only one label to calibrate, which is far less labels than competitive models require.

- **Automatic Printhead Pressure Adjustment:** This is a proprietary solution to the most commonly overlooked adjustment in thermal printing and is standard on all Performance Series printers, except the P1115 model. Printhead pressure is important to print quality, ribbon tracking and printhead life and the operation of competitive printers make this adjustment hard to do or is ignored. The P1115 informs the operator via screen display of the correct pressure, making adjustments easy to complete.

- **Media-Low Sensor:** Unlike many competitive models, the Performance Series printers are capable of warning when the label supply is low, not only when the labels have run out.

- **Print Resolution:** The Performance Series printers (P1115, P1120n, P1125 and P1725) use a high-density 300-dpi/ 11.8-dpmm printhead for high-quality graphic printing and great-looking fonts. The P1115s is capable of 600-dpi/ 23.6-dpmm print resolution for the highest quality graphics and smallest fonts.

- **Large 320 x 240 Color Touchscreen Graphic Display:** A multi-language menu is available in English, Spanish, German, Italian, French and Portuguese, while many other languages can be loaded into the display. Two-byte languages like Chinese and others can be downloaded off the Datamax-O'Neil website and loaded into the printer. Easy-to-identify international icons are also used in the display.

- Display warnings and errors change screen color to yellow or red to alert operator to changes in status conditions

- Instructions appear in order of severity to correct conditions

- Operator prompts are used for MPS software needs

- **Printer Cover Warning:** Performance Series printers include as standard the cover-open warning feature.
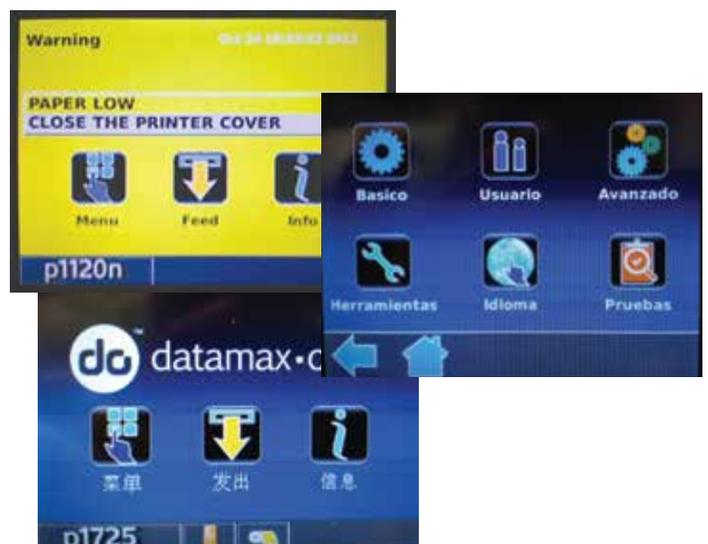
Labels and ribbons by nature attract dust and dirt that can cause voids and poor print quality. Keeping the cover closed eliminates this problem. Operators who have long hair, jewelry and loose-fitting clothes can have their safety compromised when the printer is operating with the cover open. The cover-open warning can be disabled if the preference is to run the printer with the cover open.

- **Options** such as cutters, peel-and-present sensors, internal rewinder and optional thermal transfer can be added to upgrade the standard printer.

- **Connectivity options:** Serial with General Purpose I/O, Wifi 802.11 and USB Host.

- **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:** Support of either coated-side-in or coated-side-out ribbons is standard with the thermal-transfer option. The Performance Series printer is capable of handling a 600-meter ribbon so it does not need to be replaced as often, which increases productivity and cost-effectiveness.

- **Real-Time Clock:** This standard feature produces a time stamp with print capability, as well as time and date battery backup.

- **Encryption:** AES-256 for True Data Security even on Ethernet and USB lines, which makes the Performance Series maybe the only thermal printer on the market to include this capability on direct-connect lines.

The Performance Series imbeds the USA-government-suggested security protocol for Data Transmission and conforms to the standards of the Advanced Encryption Standard (AES FIPS Pub 197) protocol. Performance Series printers also utilize the 256 standard for the highest level of Security Cryptography.

Meets all HIPPA and FIPS 170.210 and 140-02 encryption requirements.

- **Built-in Printhead Cleaning:** The printer reminds the user when the printhead needs to be cleaned. D-O has developed this built-in printhead-cleaning routine to make cleaning simple and predictable, resulting in a properly clean printhead for longer life. A dirty printhead causes premature printhead failure and poor reproduction of barcodes, graphics and text.

- **Memory:** The Performance Series offers 64 MB of Flash and 64 MB of SDRAM (P1115s and P1725 models), and 32 MB Flash and 64 SDRAM (P1115, P1120n and P1125 models) for its printers. Being able to use a large amount of Flash and Ram speeds up the printer and allows plenty of memory for use with large file formats.

- **400-MHZ Processor:** Believed to be fastest processor used with a thermal printer, which increases print speeds and helps handle large graphic files.

- **Easy-to-Replace Parts:** The two most common parts that need to be replaced on the printer, the printhead and platen roller, have been designed to be replaced in a few minutes by the user, eliminating downtime and maintenance costs.

- **Media Supply:** The Performance Series offers the user the choice of hanger or hub-style media supply in the 4"/100-mm models. Either option is user-selectable as standard, the P1725 model offers the media hanger only.

◼ **Printhead Cooling Fan:** The Performance Series' standard printhead cooling fan enables the printer to consistently deliver the highest high-speed print quality without ever needing to go into thermal pause mode. As competitive printheads heat up during high-volume printing, barcode scan errors can occur but the Performance Series printers have been tested at high-speed and high-density label printing and have shown to maintain the integrity of Grade A barcodes. (The P1115 model does not include this feature.)

◼ **Dual-Sided Top-of-Form Sensor:** For years there has been a need for black bar sensing on top of the media. So we made a dual side top of form sensor standard. So if you want to sensor on top or bottom of the label it is up to you. No need to get locked in to one side or the other. Run both labels on one printer. We give you flexibility you deserve as a customer.

◼ **Public and Private MIBs:** The Performance Series' robust MIBs make integration into MPS software easy and advantageous with all errors and warning conditions reported to MPS software. The MIBs also monitor ribbon and paper levels for accurate usage reporting. Reports media ID back for reordering of supplies.

Sensor	Value
Head Temperature	25.0° C
Head Voltage	26.8 V
Head Pressure	7 (7)
Paper Level	97 %
Ribbon Level	3.36 in (100%)
Rewinder Level	0.00 in (0%)
TOF Sensor	144
Auto Load Sensor	197
Session Label Count	16

1 CSI/CSO (600 meter)

12 Die-Cast

11 WiFi

2 Color Touchscreen Display

Automate Media Setup Option

3 Printhead Cooling Fan

4 300 dpi or 600 dpi

10 Centre Biased Media (Take 8" Roll)

5 USB Host Option

9 Internal Rewinder option

6 Automatic Printhead Pressure Adjust

7 Double-Sided Sensor Double-Positions Sensor

8 Automatic Label Feed

Print length values vary with printer configuration
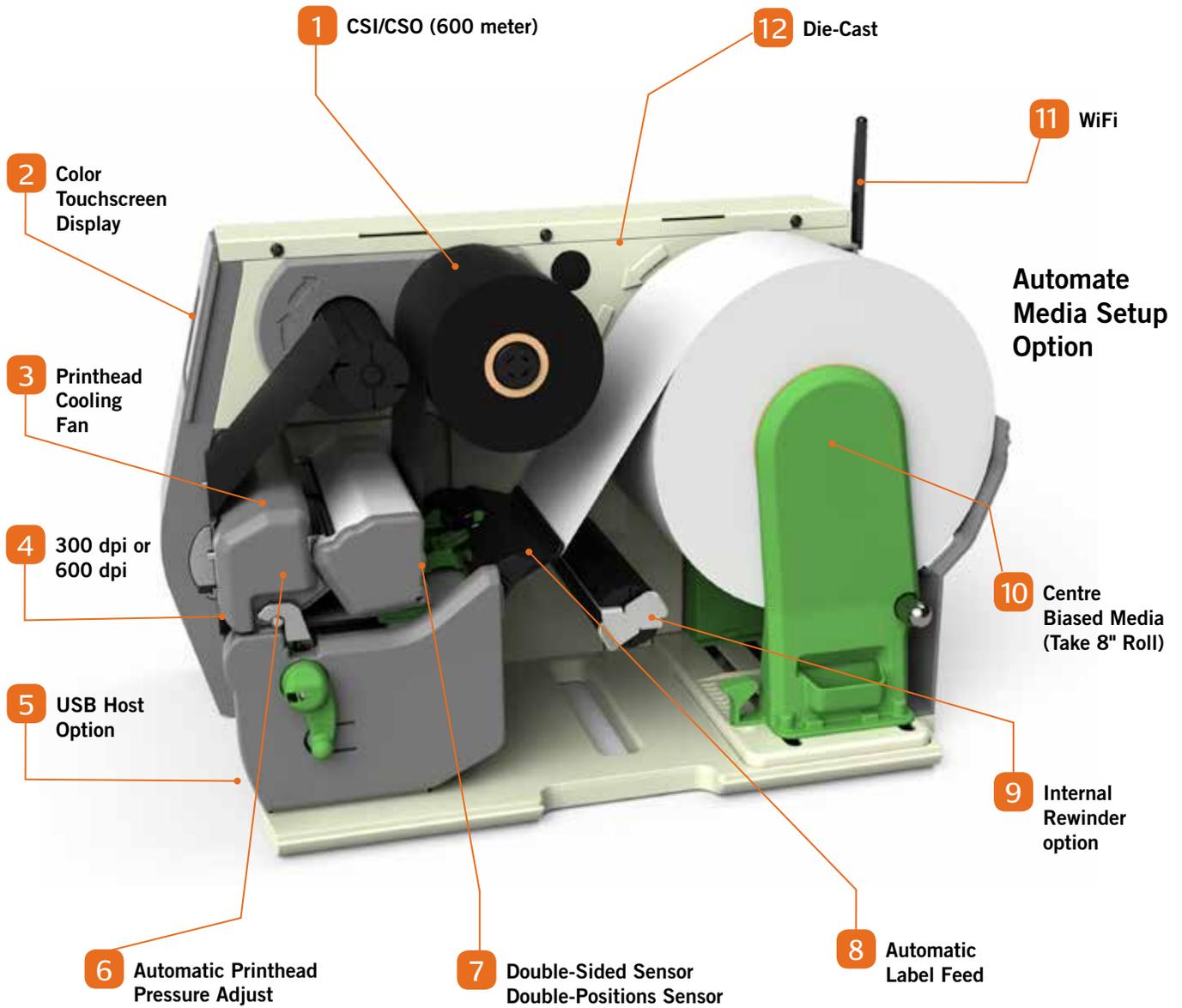
Printer Model	p1115	p1115s	P1120n	p1125	p1725
Max Print Speed	6ips/152mmps	6ips/152mmps	8 ips/203mmps	10ips/254mmps	10ips/254mmps
Resolution	300dpi/11.8dpmm	600dpi/23.6dpmm	300dpi/11.8dpmm near edge	300dpi/11.8dpmm	300dpi/11.8dpmm
Max Print Width	4.16"/105.7mm	4.16"/105.7mm	4.27"/108.5mm	4.27"/108.5mm	6.83"/173.5mm
Label Width	1"-4.65" (25.4-118.1mm)	1"-4.65" (25.4-118.1mm)	1"-4.65" (25.4-118.1mm)	1"-4.65" (25.4-118.1mm)	2"-7.1" (50.8mm-180.3mm)
Dimensions	35.7lbs/16.2kg WxDxHin 10.8x18.7x11.9 WxDxHmm 274x475x302	36.5lbs/16.56kg WxDxHin 10.8x18.7x11.9 WxDxHmm 274x475x302	36.5lbs/16.56kg WxDxHin 10.8x18.7x11.9 WxDxHmm 274x475x302	36.5lbs/16.56kg WxDxHin 10.8x18.7x11.9 WxDxHmm 274x475x302	42.75lbs/19.3kg WxDxHin 13.4x18.7x11.9 WxDxHmm 339x475x302

physical characteristics ■ ■ ■

- Printhead Technology
  - » Flat head
  - » Patent-Pending Automatic Printhead pressure adjustment (increases printhead life)
  - » Printhead cooling fan
- Operating temperature
  - » Operating: 32°F (0°C) to 104°F (40°C)
  - » Storage: -4°F (-20°C) to 140°F (60°C)
- Power source
  - » Universal (PFC-compliant) power supply 90-264 VAC; 47-63 Hz
- Construction
  - » Solid Aluminum Die-Cast Powder-coated Frame, with metal side opening cover to load media with a large clear media window
- Safety
  - » Media Cover open warning
- Control Panel
  - » Graphic 320 x 240 Color touch Screen Display with wallpaper
- Memory
  - » (1725 & p1115s)   (p1115 & p1125)
    64 MB Flash/64 MB SDRAM   32MB Flash/64 MB SDRAM
- Real-Time Clock
  - » Real-Time Clock (RTC) with user replaceable 3 year battery
  - » Paper-Low Sensor and Ribbon-Low Sensor
  - » Capable of paper-low notification, reducing downtime
- Printer Type
  - » Direct Thermal (Optional Thermal Transfer)

integration ■ ■ ■

- Communication Interfaces
  - » USB 2.0 Device   Standard
  - » 10/100 Base-T Ethernet   Standard
  - » Wireless Module- 802.11 b/g   Optional
  - » Applicator GP I/O & Serial (RS-232C) Port Optional
  - » USB Host connection   Optional
- Security Protocols:
  - » WEP WPA WPA2
  - » Modes PSK/Enterprise
  - » Security
  - » Encryption 64/128 TKIP/RC4 CCMP/AES
  - » Encryption Protocol: **Wired and wireless connections**
    - » AES-256 for secure data transmission for healthcare, pharmaceutical, USA government and retail applications. Meets HIPPA and FIPS 170.210 and 140-02 encryptions requirements
  - » 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, Windows® 7 and Windows® 8 & 8.1
- » Network Management is done with your standard HP Compatible network management tools. Works with HP Openview,® Tivoli® and others.
- » Network Time Protocol Rev 4 for Computer Security Log Management SP800-92
- Apple®
  - » Works in MACBook Pro® with the HP Laserjet® Series PCL4/5 driver, Apple and Cups drivers
- SAP®
  - » SAP® Printer Vendor Program (device type YDM1120)
- DocOrigin Certified

accessories ■ ■ ■

External rewinder
Media catch tray*

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 (300dpi), or (600psi on the p1115s)
- PCL macros
  - » Multiple PCL macros can be store in flash
  - » Overlay Macros can be used and store in flash

- Graphics
  - » Full support of PCL5e 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, 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.

    [not available on p1115], **Not available on p1725

warranty ■ ■ ■

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

*when used with approved supplies

media supply ■ ■ ■

- Media types:
  - » Roll-fed, die-cut, continuous labels: perforated or continuous tag/ticket stock 8-inch/203mm roll max diameter on 3-inch/76mm core wound out
  - » Fan fold stock accepted
- Media thickness range:
  - » 0.003" - 0.01" (0.076mm - 0.254mm)
- Top-Of-Form Sensor/Media Sensing
  - » Double-sided adjustable position for label gap, notch and reflective black mark on bottom or top of form
- Label backfeed:
  - » For use with optional cutter and peel and present
- Ribbon
  - » Core: 1.0" (25.4mm)
  - » Length: 1968' (600m)
  - » Coated side in and coated side out
- Reference model above for width

options ■ ■ ■

- Thermal Transfer
- Internal Powered Rewind with adjustable tension
- Peel and Present
- Cutter
- Cutter Tray
- Audio Alarm
- 1" or 1.5" Media Hub Adapters
- Expanded 64 MB Flash Memory

agency approval ■ ■ ■

CE, UL, C/UL, UL Mexico CoC and other approvals. Contact sales representative for the most current approval list.

ISO 9001: 2008 CERTIFIED

1. WHY PCL5E AND PCL6?

Datamax-O'Neil decided to use PCL, the most recognized printer language in the world, and selected the PCL5e version since it supports bi-directional communication and Windows® fonts. It is also backwards compatible to earlier versions of PCL. PCL printing is also supported in most software application around the world, making it a plug-and-play solution.

PCL6 is the next generation of the Hewlett-Packard® LaserJet PCL. PCL6 has three main components, one of which is referred to as PCL6 Enhanced and has been optimized for printing from graphical user interfaces (GUIs) like Microsoft Windows® and OS/2. The second component is referred to as PCL6 Standard and provides complete backward compatibility with 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 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 created numerous problems for system integrators, including:

• 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

• Having limited or no support for international labels

2. WHY ARE YOU CENTER-BIASED?

By having a center-biased printer it is easier to have even pressure across the width of the printhead, no matter the width of the media. This drastically reduces ribbon-wrinkle issues, and by having even pressure, label registration and tracking is improved.

3. WHAT IS AUTOMATIC PRINTHEAD-PRESSURE ADJUSTMENT?

Thermal industrial printers have the capability for printhead-pressure adjustments built into them. This automatic adjustment sets the amount of pressure that is placed on the printhead when it creates the printed image on the label or tag. Usually these adjustments tend to be hard to do or are mostly ignored by the user. Since proper printhead pressure leads to BETTER print quality and longer printhead life, it made sense to design the Performance Series printers with this capability, which makes it easier for the user.

4. WHY DO YOU HAVE A FAN IN THE PRINTHEAD MECHANISM?

To cool the printhead while printing. This allows the printer to keep printing at high speeds with high printing density and quality while simultaneously maintaining proper barcode widths when batch printing without the need to go into a thermal pause. This also means that the first label printed will look the same as the last label. Many other thermal printers may go into thermal pause during high-volume printing tasks, which will stop the printing operation, while others may ignore the elevated level of printhead heat, which will negatively effect print quality and overall printer performance.

5. INTERNAL REWIND HAS ADJUSTABLE TORQUE, HOW DOES THAT WORK?

The printer's torque can be adjusted from the front display, configuration utility or web browser. The printer is shipped from the factory with a mid-range torque setting, allowing for the peeling of standard labels. When printing with media that has a very aggressive adhesive the torque can be increased to allow better label separation.

6. WHY DO YOU ALLOW FOR BLACK-MARK SENSING ON THE TOP OR BOTTOM OF THE LABEL WHILE OTHER PRINTERS USUALLY JUST SENSE THE LABEL'S BOTTOM?

The printing industry is moving toward allowing users to place the black bar on the print side of tag stock for various reasons, including:

- Allows the full back side of the stock to contain preprinted information

- Lower setup charge for printing of the label/tag when preprinted black image or graphic are already being placed on the print side

- Making it simple and easy for all customers to change their label and stock designs without the need to worry about the sensor

7. WHAT NETWORK-MANAGEMENT TOOLS CAN I USE WITH THE PERFORMANCE SERIES?

Any printer-management tool, such as IBM Tivoli® and HP Openview,® that can be used with standard laser and ink printers can be used with Performance Series printers. Datamax-O'Neil does not use a proprietery print-management tool like most other thermal printers on the market today, which allows users to choose the best option for their operations.

Datamax-O'Neil p1115 vs. Zebra ZT220

DATAMAX-O'NEIL p1115	ZEBRA ZT220
PERFORMANCE (AT 300 DPI)	
50 standard scalable fonts	1 scalable font/7 bitmap fonts
600-meter ribbon: Reduces cost and downtime	300-meter ribbon: Ribbon is changed more often
Max print width – 4.16" (105.7mm)	Max print width – 4.09" (104mm)
6 ips/152 mm/s	6 ips/152 mm/s
All direct-drive motor driven	Belt-driven, produces wear-causing issues
When opening and closing the printhead motor takes up slack ribbon eliminating wasted labels and ribbon wrinkle	Label wasted when printhead is open
EASE OF USE	
Large color graphics Touch Screen (320x240 display)	No display. 3 buttons only. Flashing LED provides feedback.
Double-sided top-of-form sensor	One-sided top-of-form sensor
Easier-to-load labels with auto loading (zero label waste)	Manual loading (produces wasted labels)
Automatic media setup	Does not offer
Automatic media calibration (without multiple label waste)	Does not offer
PCL5e industry-standard printer language	ZPL proprietary
Rewinder option adjustable torque motor	No rewinder option
Two feed rollers provide better registration during printing	Only one feed roller provided
Paper-low warning indicator	No paper-low warning
Ribbon-low warning indicator	No ribbon-low warning
Cover-open warning indicator	No cover-open warning
Audio alarm option	No audio alarm offered
COST-SAVINGS STANDARD FEATURES	
Standard Real-Time Clock (RTC)	RTC additional option $99
Standard LAN	LAN additional $299
Easier-to-load labels with auto loading (zero label waste)	Manual loading (produces wasted labels)
MAINTENANCE	
Solid aluminum die-cast frame with metal cover	Sheet-metal frame with plastic cover
Easy platen roller replacement	Yes
Built-in printhead-cleaning routine correctly cleans printhead for increased life and print quality	No printhead-cleaning routine
Replacement printhead = $395	Replacement printhead = $500
Built-in Diagnostics Screens	No
List Price – $1,395	List Price – $1,445

Datamax-O'Neil p1115 vs. Sato CL412e

DATAMAX-O'NEIL p1115	SATO CL412e
PERFORMANCE (AT 300 DPI)	
50 standard scalable fonts	2 Scalable 12 bitmap
600-meter ribbon: Reduces cost and downtime	450-meter ribbon: Ribbon is changed more often
Max print width – 4.16" (105.7mm)	Max print width – 4.1" (104mm)
32 MB Flash & 64 MB SDRAM	2 MB Flash & 16 MB RAM
6 ips/152 mm/s	6 ips/152 mm/s
All direct-drive motor driven	Belt-driven, produces wear-causing issues
When opening and closing the printhead motor takes up slack ribbon eliminating wasted labels and ribbon wrinkle	Label wasted when printhead is opened. Ribbon goes limp must feed label to take up slack.
EASE OF USE	
Large color graphics Touch Screen (320 x240 display)	Small monochrome display. Buttons below display.
Double-sided top-of-form sensor	One-sided top-of-form sensor
Easier-to-load labels with auto loading (zero label waste)	Manual loading (produces wasted labels)
Automatic media setup	Does not offer
Automatic media calibration (without multiple label waste)	Does not offer
PCL5e & PCL6 industry-standard printer language	Sato proprietary language
Rewinder option adjustable torque motor for the best peel option	Belt-run rewinder one torque setting
Two feed rollers provide better registration during printing	Only one feed roller provided
Paper-low warning indicator, reports % of labels used for Managed Print Software	No paper-low warning. No report on labels used.
Ribbon-low warning indicator	No ribbon-low warning or % used
Cover-open warning indicator	No cover-open warning
Audio alarm option	No audio alarm offered
COST-SAVINGS STANDARD FEATURES	
Standard Real-Time Clock (RTC)	RTC additional option $99
Standard LAN	LAN additional $349
Easier-to-load labels with auto loading (zero label waste)	Manual loading (produces wasted labels)
MAINTENANCE	
Fully MPS ready	No
Easy platen roller replacement	Not stated
Built-in printhead-cleaning routine correctly cleans printhead for increased life and print quality	No printhead- cleaning routine
Replacement printhead = $395	Replacement printhead = $795
Built-in Diagnostics Screens	No
List Price – $1,395	List Price – $2195 TT

Datamax-O'Neil p1115s vs. Tec B-EX42T2 600

DATAMAX-O'NEIL p1115s	TEC B-EX4T2 600 DPI
PERFORMANCE (AT 600 DPI)	
50 standard scalable fonts	Bitmap and outline
600-meter ribbon: Reduces cost and downtime	600-meter ribbon
Max print width – 4.16" (105.7mm)	Max print width – 4.09" (104mm)
6 ips/152 mmps	6 ips/152 mmps
Automatic printhead-pressure adjustment	Manual complicated printhead-pressure adjustment
64 MB Flash 64 SDRAM	16 MB Flash 32 MB of RAM
All direct-drive motor driven	Belt-driven, produces wear-causing issues
When opening and closing the printhead motor takes up slack ribbon eliminating wasted labels and ribbon wrinkle	Cantilever head design that wrinkles the ribbon when printhead open
EASE OF USE	
Large color graphics Touch Screen (320 x240 display)	Small Monochrome Display. Buttons below display.
Double-sided top-of-form sensor	One-sided top-of-form sensor
Easier-to-load labels with auto loading (zero label waste)	Manual loading (produces wasted labels)
Automatic media setup	Does not offer
Automatic media calibration (without multiple label waste)	Waste labels when calibrating
PCL5e & PCL6 industry-standard printer languages	Proprietary language
Rewinder option adjustable torque motor	Belt-driven rewinder option
Two feed rollers provide better registration during printing	Only one feed roller provided
Monitors ribbon and paper levels and reports by % used	No
Color-changing display to indicate errors and warnings	No
Cover-open warning indicator	No cover-open warning
Audio alarm option	No audio alarm offered
COST-SAVINGS STANDARD FEATURES	
More Standard Memory 64 MB Flash standard	Cannot upgrade memory
Ethernet Standard	Ethernet Standard
Easier-to-load labels with auto loading (zero label waste)	Manual loading (produces wasted labels)
MAINTENANCE	
Robust printer MIB with error reporting for MPS software	Not Stated
Easy platen roller replacement	Yes
Built-in printhead-cleaning routine correctly cleans printhead for increased life and print quality	No printhead-cleaning routine
Replacement printhead = $770	Replacement printhead = $835
Built-in Diagnostics Screens	No

Datamax-O'Neil p1115s vs. Zebra ZM400

DATAMAX-O'NEIL p1115s	ZEBRA ZM400 600 DPI
PERFORMANCE (AT 600 DPI)	
50 standard scalable fonts	7 bitmapped 1 smooth font
600-meter ribbon: Reduces cost and downtime	450-meter ribbon: Ribbon is changed more often
Max print width – 4.16" (105.7mm)	Max print width – 4.09" (104mm)
6 ips/152 mmps faster printing	4 ips/100 mmps
Automatic printhead-pressure adjustment	Manual complicated printhead-pressure adjustment
64 MB Flash 64 SDRAM	8 MB Flash 16 MB of RAM
All direct-drive motor driven	Belt-driven, produces wear-causing issues
When opening and closing the printhead motor takes up slack ribbon eliminating wasted labels and ribbon wrinkle	Cantilever head design that wrinkles the ribbon when printhead open
EASE OF USE	
Large color graphics Touch Screen (320 x240 display)	Small 240 x 128 Monochrome Display. Buttons below display.
Double-sided top-of-form sensor	One-sided top-of-form sensor
Easier-to-load labels with auto loading (zero label waste)	Manual loading (produces wasted labels)
Automatic media setup	Does not offer
Automatic media calibration (without multiple label waste)	Waste labels when calibrating
PCL5e & PCL6 industry-standard printer languages	ZPL proprietary
Rewinder option adjustable torque motor	Belt-driven rewinder option
Two feed rollers provide better registration during printing	Only one feed roller provided
Monitors ribbon and paper levels and reports by % used	No
Color-changing display to indicate errors and warnings	No
Cover-open warning indicator	No cover-open warning
Audio alarm option	No audio alarm offered
COST-SAVINGS STANDARD FEATURES	
More Standard Memory 64 MB Flash standard	64 MB Flash $200
Ethernet Standard	Ethernet $299 options
Easier-to-load labels with auto loading (zero label waste)	Manual loading (produces wasted labels)
MAINTENANCE	
Robust printer MIB with error reporting for MPS software	Not Stated
Easy platen roller replacement	Yes
Built-in printhead-cleaning routine correctly cleans printhead for increased life and print quality	No printhead-cleaning routine
Replacement printhead = $770	Replacement printhead = $1350
Built-in Diagnostics Screens	No
List Price – $3595 Thermal Transfer	List Price – $3599 Thermal Transfer

Near Edge Printers
Datamax-O'Neil p1120n vs. Avery 64-04

DATAMAX-O'NEIL p1120n	AVERY 64-04
PERFORMANCE (AT 300 DPI)	
50 standard scalable fonts	17 Bitmapped
600-meter ribbon: Reduces cost and downtime	600-meter ribbon
Max print width – 4.16" (105.7mm)	Max print width – 4.09" (104mm)
Solid Aluminum Die-Cast frame	Sheet-metal construction
32 MB Flash 64 MB Ram	4 MB Flash 64 MB Ram
400-MHz Processor	400 MHz
Media thickness 0.0025" - 0.025" (0.0635mm - 0.635mm)	Media thickness 4 mills (0.1mm) to 15 mills (0.6mm)
Operating temperature 32°F (0°C) to 104°F (40°C)	Operating temperature 41°F (5°C) to 95°F (35°C)
EASE OF USE	
Large color graphics Touch Screen (320 x240 display)	Small monochrome display. Buttons below display.
Double-sided top-of-form sensor	One-sided top-of-form sensor
Easier-to-load labels with auto loading (zero label waste)	
Automatic media setup	Does not offer
Automatic media calibration (without multiple label waste)	Waste labels when calibrating
PCL5e & PCL6 industry-standard printer languages	Proprietary
Rewinder option adjustable torque motor	Belt-driven rewinder option
Automatic printhead pressure adjustment	Manual printhead pressure adjustment
Monitors ribbon and paper levels and reports by % used	No
Color-changing display to indicate errors and warnings	No
Cover-open warning indicator	No cover-open warning
Audio alarm option	No audio alarm offered
COST-SAVINGS STANDARD FEATURES	
More Standard Flash	You can upgrade flash at a cost
Real-Time Clock Standard	Real-Time Clock Standard
Easier-to-load labels with auto loading (zero label waste)	Loading waste labels
MAINTENANCE	
Robust printer MIB with error reporting for MPS software	No
Easy platen roller replacement	Not stated
Built-in printhead-cleaning routine correctly cleans printhead for increased life and print quality	No printhead-cleaning routine
Replacement printhead = $495	Replacement printhead = $800
Built-in Diagnostics Screens	Limited Diagnostics Screens

Near Edge Printers
Datamax-O'Neil p1120n vs. Tec B EX41

DATAMAX-O'NEIL p1120n	TEC B EX4T1
PERFORMANCE (AT 300 DPI)	
50 standard scalable fonts	Bitmap and outline
600-meter ribbon: Reduces cost and downtime	600-meter ribbon
Max print width – 4.16" (105.7mm)	Max print width – 4.09" (104mm)
Solid Aluminum Die-Cast frame	Sheet-metal construction
32 MB Flash 64 MB Ram	16 MB Flash 32 MB Ram
400 MHz Processor	Not stated
Media thickness 0.0025" - 0.025" (0.0635mm - 0.635mm)	Not stated
When opening and closing the printhead motor takes up slack ribbon eliminating wasted labels and ribbon wrinkle	Cantilever head design that wrinkles the ribbon when printhead open
EASE OF USE	
Large color graphics Touch Screen (320 x240 display)	Small monochrome display. Buttons below display.
Double-sided top-of-form sensor	One-sided top-of-form sensor
Easier-to-load labels with auto loading (zero label waste)	
Automatic media setup	Does not offer
Automatic media calibration (without multiple label waste)	Waste labels when calibrating
PCL5e & PCL6 industry-standard printer languages	Proprietary
Rewinder option adjustable torque motor	Belt-driven rewinder option
Automatic printhead-pressure adjustment	Manual printhead-pressure adjustment
Monitors ribbon and paper levels and reports by % used	No
Color-changing display to indicate errors and warnings	No
Cover-open warning indicator	No cover-open warning
Audio alarm option	No audio alarm offered
COST-SAVINGS STANDARD FEATURES	
More Standard Flash	Cannot upgrade
Real-Time Clock Standard	Real-Time Clock $95
Easier-to-load labels with auto loading (zero label waste)	Loading waste labels
MAINTENANCE	
Robust printer MIB with error reporting for MPS software	Not Stated
Easy platen roller replacement	Yes
Built-in printhead-cleaning routine correctly cleans printhead for increased life and print quality	No printhead-cleaning routine
Replacement printhead = $495	Replacement printhead = $495
Built-in Diagnostics Screens	Limited Diagnostics Screens

Datamax-O'Neil p1125 vs. ZT400

DATAMAX-O'NEIL p1125	ZEBRA ZT400
PERFORMANCE (AT 300 DPI)	
50 standard scalable fonts	18 total 2 scalable
600-meter ribbon: Reduces cost and downtime	450-meter ribbon: Ribbon is changed more often
Max print width – 4.27" (108.5mm)	Max print width – 4.09" (104mm)
10 ips/254 mmps	12 ips/305 mmps
400 MHz Processor	Not Published
Real Time Clock Standard	Real-Time Clock Standard
All direct-drive motor driven	Belt driven, produces wear causing issues
Solid Aluminum Die-Cast frame	Sheet-metal frame
EASE OF USE	
Large color graphics Touch Screen (320 x240 display)	Small 240 x 128 Monochrome Display. Buttons below display.
Double-sided top-of-form sensor	One-sided top-of-form sensor
Easier-to-load labels with auto loading (zero label waste)	Manual loading (produces wasted labels)
Automatic media setup	Does not offer
Automatic media calibration (without multiple label waste)	Waste labels when calibrating
PCL5e & PCL6 industry-standard printer languages	ZPL proprietary
Automatic printhead-pressure adjustment	Manual complicated printhead adjustment
Rewinder option adjustable torque motor	Belt-driven rewinder option
Two feed rollers provide better registration during printing	Only one feed roller provided
Monitors ribbon and paper levels reports them by % used	No
Color-changing display to indicate errors and warnings	No
Cover-open warning indicator	No cover-open warning
Audio alarm option	No audio alarm offered
COST-SAVINGS STANDARD FEATURES	
Calibrates without wasting multiple labels	Wastes multiple labels when calibrating
Automatically load labels (zero label waste)	Manual loading (produces wasted labels)
Many automatic features saves uses time which is money	Manual adjustment takes time costing money
MAINTENANCE	
Robust printer MIB with error reporting for MPS software	Not Stated
Easy platen roller replacement	Yes
Built-in printhead-cleaning routine correctly cleans printhead for increased life and print quality	No printhead-cleaning routine
Replacement printhead = $495	Replacement printhead = $560
Built-in Diagnostics Screens	No
List Price – $1895 Thermal Transfer	List Price – $2090

Datamax-O'Neil p1125 vs. Sato CL4NX

DATAMAX-O'NEIL p1125	SATO CL4NX
PERFORMANCE (AT 300 DPI)	
50 standard scalable fonts	25 total fonts only 15 scalable ones
600-meter ribbon: Reduces cost and downtime	600-meter ribbon
Max print width – 4.27" (108.5mm)	Max print width – 4.09" (104mm)
10 ips/254 mmps	8ips/203 mmps
400 MHz Processor	Not published
Real-Time Clock Standard	Real-Time Clock Standard
Unicode Support	Yes
Solid Aluminum Die-Cast Frame	Aluminum Die-Cast Frame
EASE OF USE	
Large color graphics Touch Screen (320 x240 display)	Color display. Buttons below display.
Double-sided top-of-form sensor	One-sided top-of-form sensor
Easier-to-load labels with auto loading (zero label waste)	Manual loading (produces wasted labels)
Automatic media setup	Does not offer
Automatic media calibration (without multiple label waste)	Waste labels when calibrating
PCL5e & PCL6 industry standard printer languages	Proprietary
Automatic printhead-pressure adjustment	Manual complicated Printhead Adjustment
Rewinder option adjustable torque motor	Belt-driven rewinder option
Two feed rollers provide better registration during printing	Only one feed roller provided
Monitors ribbon and paper levels reports them by % used	No
Color-changing display to indicate errors and warnings	Yes
Cover-open warning indicator	No cover-open warning
Audio alarm option	No audio alarm offered
COST-SAVINGS STANDARD FEATURES	
Calibrates without wasting multiple labels	Wastes multiple labels when calibrating
Automatically load labels (zero label waste)	Manual loading (produces wasted labels)
Many automatic features save time and money	Manual adjustment takes time costing money
MAINTENANCE	
Robust printer MIB with error reporting for MPS software	Not stated
Easy platen roller replacement	Yes
Built-in printhead-cleaning routine correctly cleans printhead for increased life and print quality	No printhead-cleaning routine
Replacement printhead = $495	Replacement printhead = $575
Built-in Diagnostics Screens	Limited Diagnostics
List Price – $1895 Thermal Transfer	List Price – $2090

Datamax-O'Neil p1725 vs. Zebra ZM600

DATAMAX-O'NEIL p1725	ZEBRA ZM600
PERFORMANCE (AT 300 DPI)	
50 standard scalable fonts	7 bitmapped 1 scalable
600-meter ribbon: Reduces cost and downtime	450-meter ribbon: Ribbon is changed more often
Max print width – 6.83" (173.5mm)	Max print width – 6.6" (168mm)
10 ips/254 mmps Faster printing	8ips/203 mmps
Automatic print head pressure adjustment	Manual complicated printhead-pressure adjustment
64 MB Flash 64 SDRAM	8 MB Flash 16 MB of RAM
All direct-drive motor driven	Belt-driven, produces wear causing issues
When opening and closing the printhead motor takes up slack ribbon eliminating wasted labels and ribbon wrinkle	Cantilever head design that wrinkles the ribbon when printhead opened
EASE OF USE	
Large color graphics Touch Screen (320 x240 display)	Small 240 x 128 Monochrome Display. Buttons below display.
Double-sided top-of-form sensor	One-sided top-of-form sensor
Easier-to-load labels with auto loading (zero label waste)	Manual loading (produces wasted labels)
Automatic media setup	Does not offer
Automatic media calibration (without multiple label waste)	Waste labels when calibrating
PCL5e & PCL6 industry standard printer languages	ZPL proprietary
Automatic printhead-pressure adjustment	Belt-driven rewinder option
Rewinder option adjustable torque motor	Only one feed roller provided
Two feed rollers provide better registration during printing	No
Monitors ribbon and paper levels reports them by % used	No
Color-changing display to indicate errors and warnings	No cover-open warning
Cover-open warning indicator	Not stated
Audio alarm option	No audio alarm offered
COST-SAVINGS STANDARD FEATURES	
Calibrates without wasting multiple labels	64 MB Flash $200
Automatically load labels (zero label waste)	Ethernet $299 options
Many automatic features save time and money	Manual loading (produces wasted labels)
MAINTENANCE	
Robust printer MIB with error reporting for MPS software	No
Easy platen roller replacement	Yes
Built-in printhead-cleaning routine correctly cleans printhead for increased life and print quality	No printhead-cleaning routine
Replacement printhead = $495	Replacement printhead = $825
Built-in Diagnostics Screens	No
List Price – $3495	List Price – $3490

Datamax-O'Neil p1725 vs. Sato CL612e

DATAMAX-O'NEIL p1725	SATO CL612e
PERFORMANCE (AT 300 DPI)	
50 standard scalable fonts	14 fonts only 2 scalable
600-meter ribbon: Reduces cost and downtime	410-meter ribbon: Ribbon is changed more often
Max print width – 6.83" (173.5mm)	Max print width – 6.5" (164mm)
10 ips/254 mmps faster printing	8ips/203 mmps
Automatic printhead pressure adjustment	Manual complicated printhead-pressure adjustment
64 MB Flash 64 SDRAM	2 MB Flash 16 MB of RAM
All direct-drive motor driven	Belt-driven, produces wear-causing issues
Solid Aluminum Die-Cast Frame	Sheet-Metal Frame
EASE OF USE	
Large color graphics Touch Screen (320 x240 display)	Small 240 x 128 Monochrome Display. Buttons below display.
Double-sided top-of-form sensor	One-sided top-of-form sensor
Easier-to-load labels with auto loading (zero label waste)	Manual loading (produces wasted labels)
Automatic media setup	Does not offer
Automatic media calibration (without multiple label waste)	Waste labels when calibrating
PCL5e & PCL6 industry-standard printer languages	ZPL proprietary
Automatic printhead-pressure adjustment	Belt-driven rewinder option
Rewinder option adjustable torque motor	Only one feed roller provided
Two feed rollers provide better registration during printing	No
Monitors ribbon and paper levels reports them by % used	No
Color-changing display to indicate errors and warnings	No cover-open warning
Cover-open warning indicator	Not stated
Audio alarm option	No audio alarm offered
COST-SAVINGS STANDARD FEATURES	
More Standard Memory 64 MB Flash standard	64 MB Flash $200
Ethernet Standard	Ethernet $349 options
Easier-to-load labels with auto loading (zero label waste)	Manual loading (produces wasted labels)
MAINTENANCE	
Robust printer MIB with error reporting for MPS software	No
Easy platen roller replacement	Yes
Built-in printhead-cleaning routine correctly cleans printhead for increased life and print quality	No printhead-cleaning routine
Replacement printhead = $695	Replacement printhead = $825
Built-in Diagnostics Screens	No
List Price – $3495	List Price – $3495

MANAGED PRINT SERVICE (MPS) WHAT IS IT?

Managed Print Services is the active management and optimization of document-output devices and related business processes. It is a type of service that is offered to effectively monitor and manage network and local devices for meters, supplies and service. Most commonly dealers that offer MPS to their customers use a remote-management software tool to provide valuable data to build and maintain the 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 than that.

It is a tool to manage the use and productivity of a company's output devices. MPS helps manage costs 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 large demand for all companies to adopt this model of management to control costs and increase productivity.

Datamax-O'Neil has worked with a number of data-collection companies to make the Performance Series printers easy to use and ready to integrate into the complete MPS solution.

The Performance Series printers have the most robust public and private Management Information Base (MIB) in the thermal-printing world. This allows the printer to be managed similarly to laser devices. Beyond meter collection, users also have the ability to track service and supplies utilized by the device and review any activity data via a user Interface or reporting tools. Typical report information that is available includes:

- Percent of ribbon used and remaining

- Percent of labels used and remaining

- Type of media being used for reordering

- Printer alerts, like amount of stock left in the printer

- Warnings for low ribbon

- Service and printing errors

- Preventative-maintenance alerts

- Device details indicating when supplies were replaced and when maintenance completed

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 allows use of a consultant-selling approach that allows the accumulation of knowledge about the user that helps D-O become a solution provider, truly focused on the user's ultimate printer needs.

Additional information about MPS, including a list of partners offering these types of software, is contained in the following pages. These companies fully support the Performance Series printers and the H-8308p MIB by integrating D-O technology into their software applications. They are looking forward to working with new resellers in the automatic identification and data capture (AIDC) market. Please contact a D-O sales representative for contact information or feel free reach out to them yourselves – and tell them you are a D-O 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.

■ **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 more than 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 non-managed 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.)

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

■ **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 printer meters 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

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PRINT AUDIT® PREMIER

When you sell print management your customers win 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 and service management
· TCO analysis

Print Audit 6
· User and 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 MFPs

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.

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 D-O 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 any Datamax-O'Neil Printer – guaranteed. For a complete list of Certified Datamax-O'Neil Supplies contact a Datamax-O'Neil Supplies Specialist, or to design a custom label or tag to exact specifications, 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. A wide variety of these types of materials are stock products and available for fast delivery from D-O's three warehouse locations. (California, Florida and Illinois). Datamax-O'Neil can also customize the label material, configuration, size or any other feature to meet the requirements of even the most challenging printing environment. Datamax-O'Neil's supply experts and engineers can also help develop custom solutions to meet unique requirements.

◼ Healthcare

Safety, privacy and accuracy are critical to success in the healthcare industry. Datamax-O'Neil has been a trusted name in barcode-printing and labeling technology for more than 30 years. D-O works hard to ensure that all standards for excellence are met – every day, with every patient. D-O's full line of printing products seamlessly supports barcode technology, which helps reduce errors, ensures privacy and improves patient safety for admissions, laboratories and pharmacies. Strict attention to detail assures that the best solutions are provided for every specific need within healthcare applications.

Admissions:

Protect the five rights of patient safety with the Datamax-O'Neil SafeD-Band™ available in pediatric, children and adult sizes.

Laboratories:

HIT (Healthcare Information Technology) products. Cerner® and MEDITECH®-compatible labels

- Sterilization labels
- Test-tube labels
- Slide labels
- Blood-bag labels

Pharmacies:

Prescription Labels • HIPAA-complaint, FDA-approved IV bag labels that meet the standards of 21 CFR 175.105

◼ Retail

Datamax-O'Neil provides a full range of labels/receipts for any retail application, including:

- High-volume retail
- Material handling
- Seasonal markdowns
- Merchandising
- Distribution centers
- Shelf labeling
- Point-of-sale
- Transportation

Datamax-O'Neil has printer supplies that enable the achievement of maximum profitability and the highest productivity of assets.

D-O can custom design labels to fit all printing needs – colored labels, custom sizes and custom imprinting on the entire line of D-O linered labels.

Electronic Component Labels

Labeling in the electronics industry is a challenge – small labels for placement on chips, printed circuit boards or cable wires often need to withstand harsh manufacturing processes and must perform for the entire lifespan of the product. With a wide variety of facestocks and adhesives, Datamax-O'Neil printer supplies has dominated the electronic-component labeling market for years, by offering hundreds of quick-ship products available for immediate shipment. If a unique size if needed, D-O offers several hundred additional custom materials and more than 1,000 unique die sizes.

Glossy White Polyester:

Thermal-transfer labels ideal for nameplates or serial identification labels on finished products. Other applications include rating plates, property identification and electronic-component marking. Glossy white polyester is a first-class 2-mil polyester that is used on the topside of a circuit board where heat exposure is limited, offering excellent solvent and scratch resistance.

Self Laminating Wire and Cable ID Film:

Blank thermal-transfer printable labels ideal for marking cables, wires and other surfaces that require conformability benefit from D-O's unique "site-hole" technology allowing virtually any printer to print the self-lam labels accurately with minimal waste.

Semi-Gloss White Anti-Static Polyimide:

These thermal-transfer labels are ideal for marking electronic components and the top/bottom side of printed circuit boards. The material is designed to withstand high temperatures and harsh chemicals along with throughhole and surface-mount circuit-board processes. This high-performance material is designed for applications requiring excellent solvent and scratch resistance, and is also an excellent material suited for circuit-board applications requiring an ESD material.

Matte Tan Polyimide:

These thermal printable labels are ideal for marking electronic components and the top/bottom side of printed circuit boards. This material is designed to withstand high temperatures and harsh chemicals and to withstand throughhole and surface-mount circuit-board processes. Matte tan polyimide is the most durable material for industrial barcode applications where there may be exposure to many different solvents.

The Right Ribbon For Your Application

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

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, Datamax-O'Neil has the solution for any requirement among its on-hand stock of hundreds of ribbon varieties.

Choose from all formulas: Wax, Wax/Resin, Resin and Near-Edge ribbons.

SOFTWARE

Windows® Drivers

The Performance Series 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

The PW Series Configuration Utility is a Windows® software application that allows for easy access to and set up of the printers. It can be used with both the USB and Ethernet communication ports available on the printer and allows settings to be stored and applied to a different printer. This is ideal when replacing or adding printers to an application. The PW Series Configuration Utility is available on the CD included with the printer or also downloaded at *www.datamax-oneil.com*.

■ Embedded Browser Configurator

The Performance Series 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 enabling the printer to begin running without additional software or a specific operating system needing to be installed.

■ Firmware

Performance Series 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 the Performance Series to be compatible with most current operating technologies, as well as being able to adapt as printing needs and operating systems change with time.

■ HP Laser-Compatible Thermal Printer

PCL was first introduced in HP's LaserJet Series printers and quickly became the standard protocol language for desktop, commercial laser printers and ink jet printers for more than two decades. Datamax-O'Neil has now brought this language to the thermal printing world and supports a full range of PJL commands as well. We use a licensed 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 of Performance Series printers.

■ International Language Printing

Supports localization of dozens of languages, including Hebrew, Arabic, Chinese, Japanese and Korean. With the flexibility of PCL, the Performance Series printer 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**

It would take pages of documents to list all the software that supports the PCL based Performance Series of printer.

■ **Tech 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 15 of this Product Guide where we answer some of the most common questions about our Performance Series.

■ **LINUX®/UNIX®**

Yes. You may use standard Gutenprint PCL drivers.

■ **Apple®**

Yes. Use standard generic PCL5e or PCL6 drivers.

■ **SAP®**

Yes. Performance Series printers are compliant with all requirements for device types as outlined in the SAP® Printer- Vendor Program.

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

DATAMAX-O'NEIL RECEIVES SILVER LEVEL STATUS OF THE SAP® PRINTER VENDOR PROGRAM

Datamax-O'Neil is a silver-level member of SAP Printer Vendor program enabling customers to print documents from within their SAP applications.

The new Datamax-O'Neil Workstation and Performance Series are the only true manufactured PCL thermal barcode printers available today and are compliant with all requirements for device types as defined in the SAP Printer Vendor program.

The Workstation and Performance Series printers are the newest generation of printers from Datamax-O'Neil, and offer superior print quality, easy media auto-load, user-friendly color touchscreen and PCL, an industry-standard printer language. Using PCL ensures users fast and easy integration into SAP applications.

To download the Performance Series SAP device-type drivers and installation document, please visit the *Downloads and Drivers* partition at *www.datamax-oneil.com.*

SAP and all SAP logos are trademarks or registered trademarks of SAP AG in Germany and in several other countries.

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.

Performance Series p1115			P	AA	-	00	-				0		0	
	USD	Euro												
Printer Model														
p1115 4" - 300DPI / 6IPS Printer, USB & Ethernet	$1,395	€ 1,195		AA										
Custom Kit														
Datamax Standard Kit	$0	€ 0				00								
China Kit	$0	€ 0				07								
Direct Thermal/Thermal Transfer														
Direct Thermal	$0	€ 0						0						
Bi-Directional Thermal Transfer	$100	€ 85						4						
A/C Power (Autorange Supply) Configuration and Cord														
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					
Denmark Power Cord	$0	€ 0							2					
Switzerland Power Cord	$0	€ 0							F					
220v: Black Power Cord With Straight-In Australian Plug	$0	€ 0							N					
Italy Power Cord	$0	€ 0							P					
India Power Cord	$0	€ 0							9					
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 (Downward Looking)	$100	€ 85								1				
Internal Rewinder	$225	€ 165								4				
Internal Rewinder and Present Sensor (Downward Looking)	$325	€ 250								F				
Internal Rewinder and Present Sensor (Upward Looking)	$325	€ 250								9				
Cutter Option														
Do Not Include This Option	$0	€ 0									0			
Cutter	$995	€ 765									4			
Font Expansion Option														
Do Not Include This Option	$0	€ 0										0		
Interface Option														
Do Not Include This Option	$0	€ 0											0	
GPIO & Serial Port	$195	€ 140											A	
Scanner/RFID Options														
Do Not Include This Option	$0	€ 0												0
Misc. Options														
Synchronized Media Hanger	$0	€ 0													4
3.0" Media Hub	$0	€ 0													0
1.0" Media Hub Kit	$0	€ 0													1
1.5" Media Hub Kit	$0	€ 0													2

Performance Series p1115s

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	USD	Euro	
Printer Model			
p1115s 4" - 600DPI / 6IPS Printer, USB & Ethernet	$3,495	€ 2,795	AD
Custom Kit			
Datamax Standard Kit	$0	€ 0	00
China Kit	$0	€ 0	07
Direct Thermal/Thermal Transfer			
Direct Thermal	$0	€ 0	0
Bi-Directional Thermal Transfer	$100	€ 85	4
A/C Power (Autorange Supply) Configuration and Cord			
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
Denmark Power Cord	$0	€ 0	2
Switzerland Power Cord	$0	€ 0	F
220v: Black Power Cord With Straight-In Australian Plug	$0	€ 0	N
Italy Power Cord	$0	€ 0	P
India Power Cord	$0	€ 0	9
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 (Downward Looking)	$100	€ 85	1
Internal Rewinder	$225	€ 165	4
Internal Rewinder and Present Sensor (Downward Looking)	$325	€ 250	F
Internal Rewinder and Present Sensor (Upward Looking)	$325	€ 250	9
Cutter Option			
Do Not Include This Option	$0	€ 0	0
Cutter	$995	€ 765	4
Font Expansion Option			
Do Not Include This Option	$0	€ 0	0
Interface Option			
GP I/O & Serial Port and 64MB Flash	$195	€ 140	C
GP I/O & Serial Port and 802.11b/g Wireless and 64MB Flash	$590	€ 430	D
GP I/O & Serial Port and USB Host and 64MB Flash	$370	€ 265	G
GP I/O & Serial Port and USB Host and 802.11b/g Wireless and 64MB Flash	$765	€ 555	H
USB Host and 64MB Flash	$175	€ 125	K
USB Host and 802.11b/g Wireless and 64MB Flash	$570	€ 415	L
64MB Flash	$0	€ 0	N
802.11b/g Wireless and 64MB Flash	$395	€ 290	P
Scanner/RFID Options			
Do Not Include This Option	$0	€ 0	0
Misc. Options			
Synchronized Media Hanger	$0	€ 0	4
3.0" Media Hub	$0	€ 0	0
1.0" Media Hub Kit	$0	€ 0	1
1.5" Media Hub Kit	$0	€ 0	2
3.0" Media Hub and Audio Alarm	$50	€ 40	5
1.0" Media Hub Kit and Audio Alarm	$50	€ 40	6
1.5" Media Hub Kit and Audio Alarm	$50	€ 40	7
Synchronized Media Hanger and Audio Alarm	$50	€ 40	8

Prices and specifications subject to change without notice. Effective January 1, 2015

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Performance Series p1120n

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	USD	Euro	
Printer Model			
p1120n 4" - 300DPI Near Edge / 8IPS Printer, USB & Ethernet	$1,695	€ 1,350	AB
Custom Kit			
Datamax Standard Kit	$0	€ 0	00
China Kit	$0	€ 0	07
Direct Thermal/Thermal Transfer			
Direct Thermal	$0	€ 0	0
Bi-Directional Thermal Transfer	$100	€ 85	4
A/C Power (Autorange Supply) Configuration and Cord			
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
Denmark Power Cord	$0	€ 0	2
Switzerland Power Cord	$0	€ 0	F
220v: Black Power Cord With Straight-In Australian Plug	$0	€ 0	N
Italy Power Cord	$0	€ 0	P
India Power Cord	$0	€ 0	9
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 (Downward Looking)	$100	€ 85	1
Internal Rewinder	$225	€ 165	4
Internal Rewinder and Present Sensor (Downward Looking)	$325	€ 250	F
Internal Rewinder and Present Sensor (Upward Looking)	$325	€ 250	9
Cutter Option			
Do Not Include This Option	$0	€ 0	0
Cutter	$995	€ 765	4
Font Expansion Option			
Do Not Include This Option	$0	€ 0	0
Interface Option			
Do Not Include This Option	$0	€ 0	0
GP I/O & Serial Port	$195	€ 140	A
GP I/O & Serial Port and 802.11b/g Wireless	$590	€ 430	B
GP I/O & Serial Port and 64MB Flash	$1,045	€ 795	C
GP I/O & Serial Port and 802.11b/g Wireless and 64MB Flash	$1,320	€ 1,005	D
GP I/O & Serial Port and USB Host	$370	€ 265	E
GP I/O & Serial Port and USB Host and 802.11b/g Wireless	$765	€ 555	F
GP I/O & Serial Port and USB Host and 64MB Flash	$1,220	€ 920	G
GP I/O & Serial Port and USB Host and 802.11b/g Wireless and 64MB Flash	$1,495	€ 1,130	H
USB Host	$175	€ 125	I
USB Host and 802.11b/g Wireless	$570	€ 415	J
USB Host and 64MB Flash	$1,025	€ 780	K
USB Host and 802.11b/g Wireless and 64MB Flash	$1,300	€ 990	L
802.11b/g Wireless	$395	€ 290	M
64MB Flash	$850	€ 655	N
802.11b/g Wireless and 64MB Flash	$1,125	€ 865	P
Scanner/RFID Options			
Do Not Include This Option	$0	€ 0	0
Misc. Options			
Synchronized Media Hanger	$0	€ 0	4
3.0" Media Hub	$0	€ 0	0
1.0" Media Hub Kit	$0	€ 0	1
1.5" Media Hub Kit	$0	€ 0	2
3.0" Media Hub and Audio Alarm	$50	€ 40	5
1.0" Media Hub Kit and Audio Alarm	$50	€ 40	6
1.5" Media Hub Kit and Audio Alarm	$50	€ 40	7
Synchronized Media Hanger and Audio Alarm	$50	€ 40	8

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Performance Series p1125

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	USD	Euro	
Printer Model			
p1125 4" - 300DPI / 10IPS Printer, USB & Ethernet	$1,795	€ 1,450	AC
Custom Kit			
Datamax Standard Kit	$0	€ 0	00
China Kit	$0	€ 0	07
Direct Thermal/Thermal Transfer			
Direct Thermal	$0	€ 0	0
Bi-Directional Thermal Transfer	$100	€ 85	4
A/C Power (Autorange Supply) Configuration and Cord			
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
Denmark Power Cord	$0	€ 0	2
Switzerland Power Cord	$0	€ 0	F
220v: Black Power Cord With Straight-In Australian Plug	$0	€ 0	N
Italy Power Cord	$0	€ 0	P
India Power Cord	$0	€ 0	9
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 (Downward Looking)	$100	€ 85	1
Internal Rewinder	$225	€ 165	4
Internal Rewinder and Present Sensor (Downward Looking)	$325	€ 250	F
Internal Rewinder and Present Sensor (Upward Looking)	$325	€ 250	9
Cutter Option			
Do Not Include This Option	$0	€ 0	0
Cutter	$995	€ 765	4
Font Expansion Option			
Do Not Include This Option	$0	€ 0	0
Interface Option			
Do Not Include This Option	$0	€ 0	0
GP I/O & Serial Port	$195	€ 140	A
GP I/O & Serial Port and 802.11b/g Wireless	$590	€ 430	B
GP I/O & Serial Port and 64MB Flash	$1,045	€ 795	C
GP I/O & Serial Port and 802.11b/g Wireless and 64MB Flash	$1,320	€ 1,005	D
GP I/O & Serial Port and USB Host	$370	€ 265	E
GP I/O & Serial Port and USB Host and 802.11b/g Wireless	$765	€ 555	F
GP I/O & Serial Port and USB Host and 64MB Flash	$1,220	€ 920	G
GP I/O & Serial Port and USB Host and 802.11b/g Wireless and 64MB Flash	$1,495	€ 1,130	H
USB Host	$175	€ 125	I
USB Host and 802.11b/g Wireless	$570	€ 415	J
USB Host and 64MB Flash	$1,025	€ 780	K
USB Host and 802.11b/g Wireless and 64MB Flash	$1,300	€ 990	L
802.11b/g Wireless	$395	€ 290	M
64MB Flash	$850	€ 655	N
802.11b/g Wireless and 64MB Flash	$1,125	€ 865	P
Scanner/RFID Options			
Do Not Include This Option	$0	€ 0	0
Misc. Options			
Synchronized Media Hanger	$0	€ 0	4
3.0" Media Hub	$0	€ 0	0
1.0" Media Hub Kit	$0	€ 0	1
1.5" Media Hub Kit	$0	€ 0	2
3.0" Media Hub and Audio Alarm	$50	€ 40	5
1.0" Media Hub Kit and Audio Alarm	$50	€ 40	6
1.5" Media Hub Kit and Audio Alarm	$50	€ 40	7
Synchronized Media Hanger and Audio Alarm	$50	€ 40	8

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Performance Series p1725

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	USD	Euro									
Printer Model											
p1725 6" - 300DPI / 10IPS Printer, USB & Ethernet	$3,395	€ 2,715	BA								
Custom Kit											
Datamax Standard Kit	$0	€ 0		00							
China Kit	$0	€ 0		07							
Direct Thermal/Thermal Transfer											
Direct Thermal	$0	€ 0			0						
Bi-Directional Thermal Transfer	$100	€ 85			4						
A/C Power (Autorange Supply) Configuration and Cord											
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					
Denmark Power Cord	$0	€ 0				2					
Switzerland Power Cord	$0	€ 0				F					
220v: Black Power Cord With Straight-In Australian Plug	$0	€ 0				N					
Italy Power Cord	$0	€ 0				P					
India Power Cord	$0	€ 0				9					
220V: Black Power Cord With Straight-In Chinese Plug	$0	€ 0				Y					
Present Sensor/Rewinder Options											
Do Not Include This Option	$0	€ 0					0				
Internal Rewinder	$395	€ 290					4				
Internal Rewinder with Peel and Present (Upward Looking)	$495	€ 395					9				
Cutter Option											
Do Not Include This Option	$0	€ 0						0			
Cutter maxium cut width 6.5 in/165.1mm	$1,095	€ 875						4			
Font Expansion Option											
Do Not Include This Option	$0	€ 0							0		
Interface Option											
GP I/O & Serial Port and 64MB Flash	$195	€ 140								C	
GP I/O & Serial Port and 802.11b/g Wireless and 64MB Flash	$590	€ 430								D	
GP I/O & Serial Port and USB Host and 64MB Flash	$370	€ 265								G	
GP I/O & Serial Port and USB Host and 802.11b/g Wireless and 64MB Flash	$765	€ 555								H	
USB Host and 64MB Flash	$175	€ 125								K	
USB Host and 802.11b/g Wireless and 64MB Flash	$570	€ 415								L	
64MB Flash	$0	€ 0								N	
802.11b/g Wireless and 64MB Flash	$395	€ 290								P	
Scanner/RFID Options											
Do Not Include This Option	$0	€ 0									0
Misc. Options											
Synchronized Media Hanger	$0	€ 0									4
Synchronized Media Hanger and Audio Alarm	$50	€ 40									8

Prices and specifications subject to change without notice. Effective January 1, 2015

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Performance Series

p1115 Options

Part#	Description	USD	Euro
SP-105039-001	Thermal Transfer - 3.72in/94.48mm max OD on 1in/25mm core, Up to 1968ft/600m length	$100.00	€ 85.00
SP-105040-004	Rewinder, Internal - Accepts a full roll of 8in liner only, or 3.5in roll of media	$225.00	€ 165.00
SP-105554-001	Present Sensor (downward looking) - Detects removal of center justified media from the tear bar	$100.00	€ 85.00
SP-106150-001	Present Sensor (upward looking) - Detects removal of center justified media from the tear bar	$100.00	€ 85.00
SP-105361-001	Cutter - Capable of cutting.003 to .010 thick media for 500,000 cuts	$995.00	€ 765.00
SP-105481-001	Cutter Tray, Catches cut media, capacity 100 (2" to 6" long)	$170.00	€ 130.00
OPT104822-001	GP I/O & Serial Port Assembly	$195.00	€ 140.00

p1115s Options

Part#	Description	USD	Euro
SP-105039-001	Thermal Transfer - 3.72in/94.48mm max OD on 1in/25mm core, Up to 1968ft/600m length	$100.00	€ 85.00
SP-105040-004	Rewinder, Internal - Accepts a full roll of 8in liner only, or 3.5in roll of media	$225.00	€ 165.00
OPT105532-001	USB Host - USB 2.0 Host port on front of printer (Type A connector)	$175.00	€ 125.00
SP-105554-001	Present Sensor (downward looking) - Detects removal of center justified media from the tear bar	$100.00	€ 85.00
SP-106150-001	Present Sensor (upward looking) - Detects removal of center justified media from the tear bar	$100.00	€ 85.00
SP-105361-001	Cutter - Capable of cutting.003 to .010 thick media for 500,000 cuts	$995.00	€ 765.00
SP-105481-001	Cutter Tray, Catches cut media, capacity 100 (2" to 6" long)	$170.00	€ 130.00
OPT104822-001	GP I/O & Serial Port Assembly	$195.00	€ 140.00
OPT105778-001	Standard 802.11b/g Wireless Assembly	$395.00	€ 290.00
OPT105784-001	Audio Alarm - Used to elevate error or warning conditions	$50.00	€ 40.00

p1120n Options

Part#	Description	USD	Euro
SP-105039-001	Thermal Transfer - 3.72in/94.48mm max OD on 1in/25mm core, Up to 1968ft/600m length	$100.00	€ 85.00
SP-105040-004	Rewinder, Internal - Accepts a full roll of 8in liner only, or 3.5in roll of media	$225.00	€ 165.00
OPT105532-001	USB Host - USB 2.0 Host port on front of printer (Type A connector)	$175.00	€ 125.00
SP-105554-001	Present Sensor (downward looking) - Detects removal of center justified media from the tear bar	$100.00	€ 85.00
SP-106150-001	Present Sensor (upward looking) - Detects removal of center justified media from the tear bar	$100.00	€ 85.00
SP-105361-001	Cutter - Capable of cutting.003 to .010 thick media for 500,000 cuts	$995.00	€ 765.00
SP-105481-001	Cutter Tray, Catches cut media, capacity 100 (2" to 6" long)	$170.00	€ 130.00
OPT104822-001	GP I/O & Serial Port Assembly	$195.00	€ 140.00
OPT105778-001	Wireless 802.11b/g *(requires Flash Expanded Memory SP105960-003)*	$395.00	€ 290.00
SP-105960-003	64MB DRAM/64MB Flash Expanded Memory (for use with additional fonts)	$850.00	€ 655.00
OPT105784-001	Audio Alarm - Used to elevate error or warning conditions	$50.00	€ 40.00

p1125 Options

Part#	Description	USD	Euro
SP-105039-001	Thermal Transfer - 3.72in/94.48mm max OD on 1in/25mm core, Up to 1968ft/600m length	$100.00	€ 85.00
SP-105040-004	Rewinder, Internal - Accepts a full roll of 8in liner only, or 3.5in roll of media	$225.00	€ 165.00
OPT105532-001	USB Host - USB 2.0 Host port on front of printer (Type A connector)	$175.00	€ 125.00
SP-105554-001	Present Sensor (downward looking) - Detects removal of center justified media from the tear bar	$100.00	€ 85.00
SP-106150-00	Present Sensor (upward looking) - Detects removal of center justified media from the tear bar	$100.00	€ 85.00
SP-105361-001	Cutter - Capable of cutting.003 to .010 thick media for 500,000 cuts	$995.00	€ 765.00
SP-105481-001	Cutter Tray, Catches cut media, capacity 100 (2" to 6" long)	$170.00	€ 130.00
OPT104822-001	GP I/O & Serial Port Assembly	$195.00	€ 140.00
OPT105778-001	Wireless 802.11b/g (requires Flash Expanded Memory SP105960-003)	$395.00	€ 290.00
SP-105960-003	64MB DRAM/64MB Flash Expanded Memory (for use with additional fonts)	$850.00	€ 655.00
OPT105784-001	Audio Alarm - Used to elevate error or warning conditions	$50.00	€ 40.00

p1725 Options

Part#	Description	USD	Euro
SP-105039-101	Thermal Transfer - 3.72in/94.48mm max OD on 1in/25mm core, Up to 1968ft/600m length	$100.00	€ 85.00
SP-105040-102	Rewinder, Internal - Accepts a full roll of 8in liner only, or 3.5in roll of media	$395.00	€ 290.00
OPT105532-001	USB Host - USB 2.0 Host port on front of printer (Type A connector)	$175.00	€ 125.00
OPT104822-001	GP I/O & Serial Port Assembly	$195.00	€ 140.00
OPT105778-001	Wireless 802.11b/g	$395.00	€ 290.00
OPT105784-001	Audio Alarm - Used to elevate error or warning conditions	$50.00	€ 40.00
OPT105361-101	P1725 cutter maxium cut width 6.5in/165,1mm	$1,095.00	€ 875.00
OPT15-3261-01	Peel and Present mechanism only need rewinder in printer to work.	$100.00	€ 105.00

Prices and specifications subject to change without notice. Effective January 1, 2015

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LIMITED WARRANTY STATEMENT

Datamax-O'Neil warrants to Purchaser that under normal use and service, the Performance Series printers, 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, whichever 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)
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