

STw.1110 | Workstation Series Printer

From the company that is changing the thermal barcode industry, meet the next generation of desktop printers, Datamax-O'Neil Workstation Series.

Introducing a new compact desktop printer with leading design and standard features found on its highly acclaimed Performance Series printer line such as Ethernet 10/100, 50 resident/scalable fonts, 300dpi printhead for superior print quality and industry standard PCL5e language.

Thermal printing solutions from Datamax-O'Neil can dramatically reduce costs by streamlining operations, increasing productivity and managing your important assets.

FEATURES AT A GLANCE

50 resident scalable fonts is the new standard in thermal barcode printing. No longer restricted to a limited font selection, users can create custom labels on-demand.

Simple calibration offers printer operators freedom from complex and time consuming media setup.

PCL5e standard language allows for easy transition from frustrating proprietary languages or legacy systems that are inefficient, restrictive and costly to maintain while enhancing quality of graphics, text and barcodes.

Standard 300dpi printhead users now benefit from a higher resolution printhead with better text, images and barcodes at a 203dpi printhead price.

Compact design provides reliability and durability for environments requiring a small footprint for the most efficient output.

Easy to use and support for straightforward integration allowing for a wide range of applications to ensure that staff is spending less time getting printers up and running and more time getting the job done.

APPLICATIONS

The new Workstation Series printer supports many desktop applications including:

- Shipping Labels
- Product Labeling
- Shelf Labeling
- Item Labeling
- Asset Management
- Pharmacy Labels
- Specimen/Patient Tracking
- Parking Passes
- Boarding Passes
- Ticketing
- Patient Wristbands
- Receipt Printing



STw.1110 | Workstation Series Printer Specifications



Universal Specifications

Printhead

4in/102mm

Media-Hanger

Self-Centering Media Hanger

Max Print Speed

4ips/102mmpps

Max Print Width

4.16in/105.7mm

Media Range

Width .75-4.33in/19-110mm

Thickness .003-.008in/.076-.20mm

Print Length Range

.25-30in/6.35-762mm

Resolution

300dpi/11.8dppmm

Memory

32MB Flash/32MB DDR2 SDRAM

Printer Type

Direct Thermal

Media Supply

Roll-fed, die-cut, continuous labels: 5in/127mm

roll max diameter on 1in/25.4mm core or

1.5in/38mm core

Double Sided Top-Of-Form Sensor

Fixed position for center biased stock/label

gap, center-notch, reflective black mark on the

bottom or top of form

Tear Bar

For tearing off gapped or continuous media

Media Back Feed

Capable of backing up at least .5in/12mm

Control Panel

Two Button (Stop/Resume & Feed/Cancel)

Reset button

Recessed on rear of unit

LEDs

Two LEDs – Power ON (Green), ERROR (Red)

Power button

Positioned on rear of unit

Chassis / Media Cover

Plastic construction with see-thru top window

Temperature

Operating: 32°F (0°C) to 104°F (40°C)

Storage: -4°F (-20°C) to 140°F (60°C)

Weight

5lbs/2.4kg

Dimensions

WxDxHin 6.75x8.32x6.02

WxDxHmm 172x211x153

Humidity

Operation: RH <= 20%-80%

Storage: RH <= 35%

Options & Accessories

Peel and Present Sensor

Serial Interface (RS-232C)

Interfaces

USB 2.0 Device and Ethernet 10/100

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

Windows Driver

XP/Windows 7

Power Supply

External Power Cube. 100-240V, 50-60hz +/- 10%, IEC320 input power connector

Printer Language

Industry Standard HP PCL, HP PCL 5e, HP GL/2 and HP XL, printer languages with auto language select in addition to extensions for barcode capabilities. Also provides standard bi-directional capabilities.

Graphic Support

Full support of PCL5e and HP-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)

Agency Approvals

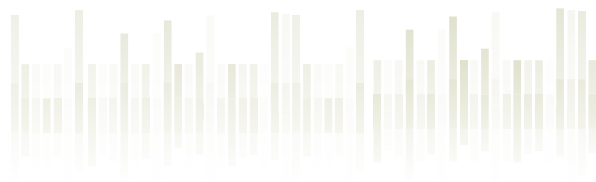
CFR 47 Part 15 Class A, EN 55022 Class A, EN 55024, EN 61000-3-2, EN 61000-3-3, IEC 60950-1 / FCC A, ICES-003 A, CE, UL, C/UL, UL Mexico CoC



Supplies | *Datamax-O'Neil provides high quality ribbon and labels for all your thermal printing needs.*



Service | *Datamax-O'Neil provides the most comprehensive warranties and extended warranties in the industry.*



PERFORMANCE SERIES | Thermal Printers

Datamax-O'Neil brings renewed energy to the thermal printing industry with true workhorses engineered to perform effortlessly in some of the harshest settings.

The ST Performance Series is a new, innovative platform designed from extensive user research that offers superior print quality, auto-load capabilities, user-friendly color touchscreen, unparalleled print registration and an industry standard printer language, PCL5e.

FEATURES AT A GLANCE

50 resident scalable fonts is the new standard in thermal barcode printing. No longer restricted to a limited font selection, users can create custom labels on-demand.

Graphic color touchscreen display with an intuitive menu flow making the user interface and navigation seamless.

SAP® ready printers is a benefit that derives from a true PCL5 thermal barcode printer. Gone are the days of costly and complex middleware applications within printer networks. All ST Performance printers are *SAP Certified*.

Media auto-loading and calibration to give printer operators freedom from complex and time consuming media setup.

Laser and inkjet printer users can realize the benefits of a ruggedized thermal barcode printer and reduce operating costs with seamless integration of a true PCL5 device.

PCL5e standard language allows users to spend less time setting up printers and offers virtually endless application choices.

Standard 300 dpi printhead with each ST Performance Series printer allows users to now benefit from a higher resolution printhead with better text, images and barcodes at a 203 dpi printhead price.

APPLICATIONS

- Distribution
- Logistics
- Government
- Healthcare
- Horticulture
- Hospitality
- Manufacturing
- Retail
- Transportation
- Financial



PERFORMANCE SERIES | Specifications



Printer Model	STp.1115	STp.1115s	STp.1120n	STp.1125	STp.1725
Printhead	4in / 101.2mm	4in / 101.2mm	4in / 101.2mm	4in / 101.2mm	6in / 152.4mm
Max Print Speed	6ips/152mmps	6ips/152mmps	8ips/203mmps	10ips/254mmps	10ips/254mmps
Resolution	300dpi/11.8dpmm	600dpi/23.6dpmm	300dpi/11.8dpmm	300dpi/11.8dpmm	300dpi/11.8dpmm
Max Print Width	4.16in / 105.7mm	4.16in / 105.7mm	4.27in / 108.5mm	4.27in / 108.5mm	6.83in / 173.5mm
Media/Ribbon Range	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)
Weight	41lbs/19kg	41lbs/19kg	41lbs/19kg	41lbs/19kg	52lbs/24kg
Dimensions	WxDxHin 10.8x18.7x11.9 WxDxHmm 274x475x302	WxDxHin 10.8x18.7x11.9 WxDxHmm 274x475x302	WxDxHin 10.8x18.7x11.9 WxDxHmm 274x475x302	WxDxHin 10.8x18.7x11.9 WxDxHmm 274x475x302	WxDxHin 13.4x18.7x11.9 WxDxHmm 339x475x302

Universal Specifications

Printer Type

Direct Thermal (Optional Thermal Transfer)

Double Sided Top-Of-Form Sensor

Adjustable position for label gap, notch and reflective black mark on bottom or top of form.

Media Supply

Roll-fed, die-cut, continuous labels: perforated or continuous tag/ticket stock 8in/203mm roll max diameter on 3in/76mm core). Fan fold stock accepted.

Control Panel

Color Graphical Touchscreen Display

Chassis / Media Window

Die cast construction with plastic front and rear, clear media window

Fonts

50 standard scalable fonts

Bar Code Symbolologies

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 check-sum & shipping bearer bars, MicroPDF417, PDF-417, Planet, Plessey, Postnet, QR Code – Auto format, Telepen, UPC-A, UPC-E, UPS MaxiCode

Real Time Clock

Real Time Clock (RTC) with user replaceable 3 year battery

Communication Interfaces

USB 2.0 Device

10/100 Base-T Ethernet

Printer Language

Industry Standard HP PjL, HP PCL 5e, HP GL/2 and HP XL, printer languages with auto language select in addition to extensions for barcode capabilities. Also provides standard bi-directional communications capabilities.

Windows Drivers

XP / Vista / Windows 7

LEDs

Two LEDs – Power & Error

Ribbon Characteristics

3.72" (94.48mm) Max OD on 1" ID (25mm) Ribbon Core. Ribbon length up to 1968' (600m).

Graphic Support

Full support of PCL5e and HP-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)

Memory

32MB Flash/64MB SDRAM

Paper Low Sensor

Capable of paper low notification, reducing down time.

Options & Accessories

Thermal Transfer

Internal Powered Rewind

Peel & Present

Cutter

Cutter Tray

Wireless Module- 802.11 b/g

Applicator GP I/O & Serial (RS-232C)Port

USB Host connection

Audio Alarm

1" or 1.5" Media Hub Adapters

Expanded 64MB Flash Memory

Temperature

Operating: 32°F (0°C) to 104°F (40°C)

Storage: -4°F (-20°C) to 140°F (60°C)

Humidity

Operation: RH <=20% to 80%

Storage: RH <=35%

Power Source

Universal (PFC-compliant) power supply 90-264 VAC; 47-63Hz

Agency Approvals

CFR 47 Part 15 Class A, EN 55022 Class A, EN 55024, EN 61000-3-2, EN 61000-3-3, EN 300 328 (wifi equipped units), IEC 60950-1 | FCC A, ICES-003 A, CE, UL, C/UL, UL Mexico CoC, GOST-R



Supplies | Datamax-O'Neil provides high quality ribbon and labels for all your thermal printing needs.



Service | Datamax-O'Neil provides the most comprehensive warranties and extended warranties in the industry.



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