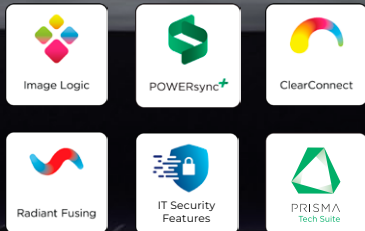


YEARS AHEAD



plotWAVE T75 BENEFITS

- Durable printing solution**
 T-series printers are built for reliability and uptime, with minimal burden of daily maintenance. They are designed to deliver consistent print quality, both over time and on different machines.
- Professional design philosophy**
 We know how professionals use technical drawings and designs. We designed the T-series for them. For you! Proven Radiant Fusing Technology and easy-to-use intuitive interfaces help users produce first-time-right prints.
- Productive ease of use**
 The T-series saves your users time and helps speed up your design process. From a quick print to complex jobs and document sets, operation is intuitive even at first glance. Just push the green button! Together with the PRISMA Tech Suite, it's printing you can build on for the years ahead.
- Streamlined workflow**
 The T-series is designed to fit into your day-to-day processes. Print from applications on Windows or macOS. Submit jobs from mobile devices. Copying and scanning are easy thanks to Image Logic with automatic scan enhancement.
- IT security features**
 More than ever, you need to protect your IT infrastructure and valuable data assets against unauthorized access. With multiple layers of security features, the plotWAVE T-series is a printer you can build on with peace of mind for the years ahead.
- Support of your sustainable business initiatives**
 The T-series can help minimize your business footprint. With ENERGY STAR label, Radiant Fusing technology helps reduce energy use. Toner bottles are made of 50% PCR plastics on average. More than 85% of the printer can be reused or recycled.

plotWAVE T75 shown with optional Scanner Express and Operator Attention Light

plotWAVE T75

A printer you can build on

Enter the next era of technical drawing and design printing with the plotWAVE T-series. With trusted technology and next-generation printing power, it offers you productive ease of use, IT security features, and support for your sustainable business initiatives. Printers you can build on for the years ahead.

TECHNICAL SPECIFICATIONS

STANDARD SYSTEM CONFIGURATION

4 Roll printing system

Productive large format monochrome printer with ClearConnect multi-touch user panel

Applications

Technical drawings, Maps

Stacking systems

Integrated Top Delivery Tray, up to 100 sheets capacity

Multi-touch user interface

ClearConnect multi-touch user interface: Consistent look and feel from every angle of your workflow, standard including Smart Inbox, SmartAccess, printer status and Live Preview

Manual Feed

Manually feed media when the required media type or size is not available on the media rolls or the optional cut sheet tray of the printer

Starter kit (included)

1 bottle toner 500 g, 1 bottle developer 1750 g

OPTIONAL SYSTEM CONFIGURATIONS

Roll media capacity upgrade

Additional 2nd roll option to increase media capacity from 4 to 6 media rolls

Cut sheet tray

Capacity: 250 pages A/A4 size-C/A2-size

Office space saving scanning system

Scanner Express with Image Logic technology, integrated CIS scanner positioned on top of the printer to save office space

Removable hard disks

For secure environments, hard disks can be removed from the printer system to secure data integrity

Operator Attention light

For productive environments, the status of the machine is visible from a distance

TECHNOLOGY

Imaging technology

Electrophotography (LED) with Organic photoconductor (OPC), Clean toner refill system, Virtually no ozone emission

Fusing technology

Radiant Fusing Technology with instant warm-up, contactless fusing, low power consumption (heating on demand)

Automated functions

- Automated print language recognition
- Automated media selection
- Automatic Remaining media detection, indicating remaining media per media roll
- Automated media saving function
- Automated media switch
- Pico Printing, intelligent print optimization

Toner

Black toner: 2x 500 gram per toner kit. The toner bottles are made of on average 50% post-consumer recycled plastic

PRODUCTIVITY

Speed (print and copy)

Up to 10 D/A1-sizes¹ per minute

First print out time²

<40 seconds

First copy out time³

<40 seconds

Print modes

3 print modes

QUALITY

Print Resolution

600 x 1200 dpi

Minimum line width (ISO/IEC 13660:2001E)

0.06 mm; 0.00236 in

1:1 Line accuracy

< 0.3%

SIZE AND WEIGHT

Size main engine (WxDxH)

Compact design: 61.41 x 31.61 x 67.13 in; (including Top Delivery Tray)

Shipping dimensions (WxDxH)

57.87 x 33.26 x 58.07 in

Weight main engine

630.5 lbs (standard configuration)

Shipping weight main engine

756.18 lbs (standard configuration)

MEDIA HANDLING

Media capacity

4 or 6⁴ rolls, Cutsheet tray⁴

Media cutting

Automatic cutter included in the drawers for fast and easy roll media switching

Maximum media capacity

650 ft per roll
Cutsheet Tray: 250 pages A/A4 size-C/A2-size

Media sizes roll

ARCH: B, C, D, E, E1 30", 21", 15"
ANSI: B, C, D, E
ISO: A3, A2, A1, A0, B1, B2, B1_700, B2_700

Media sizes cut sheet tray

Short edge feed (portrait): A4, A3, B4, A, B, A+, B+, Carto B4, 230x310 mm, 310x440 mm
Long edge feed (landscape): A3, A2, B4, B3, B, C, B+, C+, Carto B4, Carto B3, 310x440 mm, 440x594 mm

Media weight

60–110 gsm; 16–29 lb

Roll length

650 ft

Roll width

8.2–36 in

Roll core diameter

3 in cores. Media loose on core—cannot be taped to core.

Minimum printed length

11 in

Maximum printed length

650 ft

Media type

Plain paper, Plain paper Recycled, Transparencies, Translucent, Recycled paper, Engineering Bond, Engineering Bond Recycled, Engineering Bond Translucent, Engineering Vellum, Colored paper, Top Label Paper FSC, Top Color Paper FSC, Red Label Paper PEFC, Red Label Zero FSC, RecycledWhiteZero FSC, Transparent Paper, Transparent Paper FSC, Polyester film, Polyester film antistatic, Contrast Film, Clear Polyester Film, Double Matte Polyester Film, White Opaque Polyester Film, Orika LPEX rice paper

Media type manual feed

Plain paper, Recycled paper, and Colored paper, films, and transparent media

Automatic roll media handling

- Automatic width detection
- Automatic roll media selection for optimized productivity and media saving, based on drawing size, media type, roll width and finishing
- Automatic roll switching when end of roll is reached
- Automated media switch, to guide the media to the top delivery tray or back output depending on the user application
- Automatic Remaining media detection, indicating remaining media per media roll
- Automatic rotation and alignment for folding
- Automatic legend detection

CLEARCONNECT USER INTERFACE

Description

ClearConnect multi-touch user panel

Size (WxHxD)

11.8 x 8.7 x 1.6 in (10.4 in at 4x3 ratio)

Resolution

800 x 600 pixels (SVGA)

Technology

Projective capacitive touch

Operation

3 hard buttons: [Wake-up], [Stop, interrupt, abort], [Home] Multi-touch functions: tap, double tap, pinch, 2 finger pinch, swipe, flick and spread

Interface design

Distinctive user interface with intuitive navigation and clearly defined levels of operation

Features

View optimization: Tilt (-4 to +45 degrees) and turn (-45 to +180 degrees)
Status light (red, orange, green) USB 2.0 interface with indication light.
Switch instantly between 2 languages, select from 19 languages: Czech, Danish, German, English, Spanish, Finnish, French, Hungarian, Italian, Japanese, Korean, Dutch, Norwegian, Polish, Portuguese, Russian, Swedish, Chinese simplified, Chinese-traditional

CONTROLLER

Description

High performance POWERSync[®] controller with Windows 10 IoT Enterprise LTSC 2021, 64 bits

Processor

6 Core, 6 Thread, Core i5-8500 @4.10GHz

Memory

2x8 GB DDR4

Video

Intel UHD Graphics 630, 1.1GHz

Hard Disk

2x 500 GB, 7200 rpm (standard)

TPM

TPM 2.0

Interface

2x Ethernet 100 Mbps/s, 1 Gbit/s
TCP/IP: DHCP, IPv4, IPv6, HTTPS
Discovery: APIPA, WS-Discovery, SNMP
WAVE interface

Page description language

TIFF, JPEG, HPGL, HPGL2, DWF, C4, Calcomp 906/907/951, CALS, NIRS/NIFF

Page description language (optional)

PS/PDF license provides access to Adobe PostScript 3 and PDF1.7. It enables the Adobe CPSI 7.10 (Configurable PostScript Interpreter).

Printing protocol

- LPR, FTP, WebDav
- FTP
- Pull from SMB, FTP
- Pull from cloud (retrieve from ARC Collaborate, WebDAV based clouds)
- HTTP/HTTPS (used by Publisher Express and PRISMAproduce Tech)
- Print from home folder (via access management license)

Back Channel protocol

HTTP or HTTPS

Transformations

Scaling (scale-to-fit page, reduce when image too large to avoid clipping or to custom factor, scale page size to standard size), Rotation, Shift (automatic or user defined), Adding/removing trailing/leading edge, Mirror, Black intensity in poster mode, Print optimization (standard, lines/text, poster). Color Highlight and Dark Original. Area to erase (area of interest).

Cloud support

Cloud support via the WebDav protocol or via third-party providers like uniFLOW[®]. The cloud user authentication can either be preconfigured by the administrator or done by the user at the time of accessing the specific cloud.⁷

INTEGRATED SECURITY FEATURES

| | |
|-------------------------------------|---|
| Safe submission | Access Control (IP filtering), IPsec, HTTPS, IP4 and IP6 compatible, password data protection |
| Safe storage and removal | Secure file erase, E-shredding, Secure boot, Data encryption with Embedded FIPS 140-2 Certified Trusted Platform Module 2 (TPM), BitLocker 256 AES encryption, Optional Removable hard disks and optional HDD's destruction at the end of the contract. |
| Authorisation | User authentication for access on the ClearConnect user panel/ WebTools Express (via LDAP/Active Directory credentials and optional via Access card), Print file protection via pincode or password, Possible to disable ports and interfaces, Standard uniFLOW embedded applet installed on the controller, for integration in uniFLOW please contact your Canon representative. |
| Hack prevention | IEEE 802.1x Authentication, SNMP v3, Audit logging, Configure HTTPS Certificates. TLS 1.2 strong cipher (Possible to disable TLS1.0 and 1.1 protocols), Possible to disable unused protocols, Security Event Logging, Optional Trellix antivirus software, Optional Trellix Application Control (whitelisting). |
| Secure now and in the future | Windows 10 Enterprise LTSC 2021 controller operating system. CIP (Continuous Improvement Process) including: Automatic Microsoft security patch update services with notifications and scheduling, Continuous monitoring of vulnerabilities by Canon (https://psirt.canon), Annual external security audit program based on the OWASP top 10 methodology (https://owasp.org), Monitoring of new legislation and high impact breaches. |

SCANNER EXPRESS (optional)

| | |
|-------------------------------|---|
| Description | Integrated Contact Image Sensor (CIS) Color scanner with Image Logic technology |
| Scan resolution | 600 x 600 dpi |
| Scan speed | Up to 9.96 in/sec Black-and-white scanning Up to 3.28 in/sec Color scanning |
| Scan formats | TIFF, PDF, PDF/A, JPEG, CALS, multi-page PDF, multi-page PDF/A and multi-page TIFF |
| Scan templates | Extensive number of scan templates to standardize common scan settings and destinations |
| Scan protocol | FTP, SMB, scan to cloud (push to WebDAV based clouds) |
| Scan destination | Local USB flash drive, FTP, SMB, Smart Inbox on Controller, Optional Local Home folder (LDAP), mobile device via WebTools Mobile, WebDAV Clouds |
| Scan naming | Preset naming with auto numbering for productive scanning or file name on the ClearConnect user panel |
| Original width | 8.2 in–38 in, automatic width detection |
| Original length | 8.2 in–630 in, automatic length detection |
| Scan width | 36 in |
| Original thickness | Maximum 0.03 in (non-rigid documents) |
| Zoom (copy) | 1:1, Scale to media size, Scale to standard format, Custom: 10% – 1000% |
| Original types presets | Blueprint, Colored original, Dark original, Folded lines/text, Lines/text standard, Lines/text draft, Photo, Map, Artwork |
| Size scanner (WxDxH) | 43 x 12 x 5.5 in |
| Weight scanner | 55 lbs |

ENVIRONMENTAL

| | |
|--|---|
| Sound power level | Standby and sleep: 4.2 B(A) Print mode: 7.0 B(A) |
| Sound pressure level | Standby and sleep: 24 dB Print mode: 58 dB |
| Ozone concentration | 0.42 mg/h <0.001 mg/m3 |
| Heat emission | Ready: 71W; Active: 1.6 kW |
| Operating temperature | Optimal print quality in temperature range 68–81 °F |
| Operating humidity | Optimal print quality in humidity range 30% – 60% RH |
| Power requirements | 100–240 V; 50/60Hz |
| Power consumption | Sleep mode: <2 W Ready mode: 64 W Active mode: 1547 W |
| Safety/EMC marks & environmental labels | CE, TÜV GS, cetecon advanced, c-UL-US, CB, RCM, ENERGY STAR 3.0, FEMP, EPEAT, CCC, EAC, FCC Class A, VCCI Class A, RoHS |
| Earthquake provision⁴ | Secure the printer preventing moving or tilting during an earthquake. This provision enables the user to secure the printer to a sturdy connection of the building. |
| Recyclables | Printer: made of steel or highly recyclable plastics: up to 95% of the engine can either be up cycled or recycled. Remaining 5% are non toxic waste. Prints: Deinkability certificate Toner: Toner bottles made from on average 50% recycled HDPE (High Density Polyethylene) |

WORKFLOW SOFTWARE

| | |
|--|--|
| PRISMA TECH SUITE | Create breathtaking applications while staying in control of your printer with powerful workflow solutions that are designed to help you with your day to day print operation. |
| PRISMAproduce Tech⁷ | Compose, manage, and submit complex sets of documents from your web browser to one or more printers at a time. |
| PRISMAlytics Dashboard⁸ | Get comprehensive overviews to monitor and maximize the production of your print operations with this secure cloud-based management information tool. |
| PRISMAlytics Accounting⁸ | Capture data for cost charging and usage monitoring with this cloud-based reporting tool. |

DRIVERS, SUBMITTERS, USER PANEL

| | |
|--------------------------------|--|
| Drivers | Easy to use printer drivers that allow you to effectively and efficiently print from any application. Create, retrieve and/or send jobs from: <ul style="list-style-type: none"> • Driver Select for Microsoft Windows • Driver Express for Adobe PostScript 3 for Microsoft Windows or Apple OS |
| Job submission | <ul style="list-style-type: none"> • Publisher Mobile – Submit print jobs via your mobile phone app supporting iOS and Android • Publisher Express – Easily submit your print jobs via the web independent of your web browser |
| ClearConnect User Panel | Print, Copy, Scan is as easy as using a tablet with the multi-touch user panel. Pull up a document from your Smart Inbox, USB device or external locations. Zoom and pan to different areas—even preview live while scanning or copying to avoid errors. |

CONTROLLER WORKFLOW

| | |
|--------------------------|--|
| Open architecture | Integrate smoothly into print management applications such as uniFLOW thanks to our POWERSync ⁹ controller. |
| Smart inbox | Personalized Smart Inbox with history, manage queue, manage history, WebTools Express, secured controller access. |
| Queue management | Spool memory provides a queuing system for print and copy jobs. This enables multiple users to send print and copy jobs at the same time. Customize priority settings for copy and print jobs in the queue. The Job Queue overview gives access to job names, owners, and status including required media. Jobs can be paused, deleted, and placed on top of the queue. |
| Print management | View the counter history at preferred time periods, per job or total overview in WebTools Express. View, create, edit and delete stamp templates. Standard uniFLOW support installed on controller, login your personal uniFLOW Queue on the ClearConnect User interface. Supports accounting, manual authentication, card readers, and contactless card readers. Scan to email and scan to cloud is supported. |
| Mobile and cloud | Print from and scan to the cloud application of your choice. With the help of mobile applications such as Publisher Mobile, the printer can be easily accessed and used from any location. |
| Device management | WebTools Express provide administrators the tools to manage the device remotely via the web, e.g., check printer status, Remote ON function, ink/toner status, define default settings for print, copy, and scan, define access, security, accounting, remote shutdown, software update and restart, power on/off timer, system behavior, queue management, license management, view, create, edit, and delete stamp templates, etc. |

¹ D size (34 x 22 in) / A1 size (841 x 594 mm).

² One A1 landscape print made from the smart inbox, on 64 g media, back output, lines and text mode.

³ One copy made with A1 original in landscape on 64 g media, back output, background compensation off, custom width 841 mm, custom length 594 mm.

⁴ Optional.

⁵ Based on current third-party support.

⁶ Excluding cable/chain and mounting material.

⁷ Client/server-based software available in September 2024.

⁸ Available in September 2024.

Canon



Adobe and Postscript are either registered trademarks or trademarks of Adobe Systems Inc. in the United States and/or other countries; Microsoft and Windows are registered trademarks of the Microsoft group of companies; Apple licensed the "iOS" trademark from Cisco. iOS is a trademark or registered trademark of Cisco in the United States and other countries and is used under license.

Canon is a registered trademark of Canon Inc. in the United States and may also be a registered trademark or trademark in other countries. uniFLOW is a registered trademark of NT-ware Systemprogrammierungs-GmbH. plotWAVE and PRISMA are a registered trademarks of Canon Production Printing Netherlands B.V. All other referenced product names and marks are trademarks of their respective owners. Canon products offer certain security features, yet many variables can impact the security of your devices and data. Canon does not warrant that use of its features will prevent security issues. Neither Canon U.S.A., Inc. nor its agents are responsible for typographical errors or omissions. Specifications and availability subject to change without notice.

©2024 Canon U.S.A., Inc. All rights reserved.

5/24-1145-11209