YEARS AHEAD

plotWAVE T-series
A printer you can build on

plotWAVE T75 shown with optional Scanner Express and Operator Attention Light

Canon

LOFFLER

PRODUCTIVITY

plotWAVE T30
- Up to 4 D/min
- Up to 2 rolls

plotWAVE T35
- Up to 6 D/min
- Up to 2 rolls

plotWAVE T50
- Up to 8 D/min
- Up to 4 rolls
- 1 sheet feeder

plotWAVE T55
- Up to 10 D/min
- Up to 4 rolls
- 1 sheet feeder

plotWAVE T75
- Up to 10 D/min
- Up to 6 rolls
- 1 sheet feeder

YEARS AHEAD

All plotWAVE models shown with optional Scanner Express and Operator Attention Light

A PRINTER YOU CAN BUILD ON

The plotWAVE T-series brings you trusted technology with next-generation printing power. It's a printer you can build on for the years ahead.

The next generation of plotWAVE printers

When they were launched in 2009, the plotWAVE printers offered reliable, easy production of high-quality prints and a built-to-last design philosophy.

Now, based on more than a decade of market-leading success, the sixth generation further develops the plotWAVE concept. For users of technical drawings and designs, it helps support sustainable business initiatives and delivers:

- Updated IT security features.
- User attention light (optional).
- Automatic remaining media indicator (T50/55/75 only).
- Removable Hard Disk (optional).
- Toner bottles with an average of 50 percent recycled material.

For you to design, make, and build our world

The plotWAVE T-series printers are developed for producers of technical drawings and designs who want an integrated, easy-to-operate solution. They have been developed for users in architecture, engineering, construction, and manufacturing companies, as well as government offices, education, and professional print shops handling larger sets of technical documents.

Markets:

- Architecture
- Engineering
- Construction
- Manufacturing
- Professional print shops
- Education
- Government offices

PRODUCTIVE EASE OF USE FOR THE YEARS AHEAD

plotWAVE shown with optional Scanner Express and Operator Attention Light

The plotWAVE T-series is designed to provide productive ease of use for almost every task, from a quick print to complex jobs and document sets. Together with the PRISMA Tech Suite, it's a printer you can build on for the years ahead.

True "green button" printing

The highly productive plotWAVE T-series is designed to help users to save time and speed up the design process. Even for first-time users, the intuitive interface reduces the learning curve to an absolute minimum and helps prevent misprints or delays. Just push the green button!

Operation is intuitive—even at first glance—and is built on easy-to-use drag-and-drop principles. You can submit files directly from your web browser and print directly from your compatible applications with an intuitive set of drivers.

Complex jobs and document sets made easy

Accurate, what-you-see-is-what-you-print previews let you do a visual inspection on the fly while you are selecting your print settings. This can help to prevent printing errors, wasted time, wasted toner, and wasted paper.

If you have many standard or repetitive jobs, you can easily make a specialized job template to help speed up your work the next time.

When it comes to drivers, Canon has you covered. Driver Select, the large-format printer driver for Windows, is designed to help reduce errors to deliver first-time-right results with its clear and easy-to-use functionalities. Driver Express enables printing PostScript files from Mac and Windows.

Powerful, intelligent automation features

A great way to be productive is to automate things. The plotWAVE T-series has many automated settings and systems that are designed to help save you time while reducing misprints and frustration for the years ahead.

Radiant Fusing adjusts the temperature of the system to suit the media, helping to limit bad print results. Pico Printing automatically includes extra dots for impressive print quality. This results in super-sharp lines and smooth solid area fills.

The powerful POWERsync[+] controller is designed to help save you time by allowing scanning or copying while you're printing. The smart media handling features, such as media width detection, automatic remaining media detection, and automated roll switching, help you produce many impressive prints with minimal intervention.

IT SECURITY FEATURES FOR THE YEARS AHEAD

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.

Based on the selected settings of the system administrator, you will automatically receive notifications when a new Microsoft security patch is available. Your administrators can install them from their desks when and how they choose.

Authorization
Restrict unauthorized access to confidential files.

Safe storage
Designed to help protect confidential printer data from theft or accidental data leakage.

Safe submission
Support the protection of data and user credentials while sending files to your printer from almost any device.

Hack Minimalization feature
Designed to help prevent unwanted access to the printer from outside your organization.

Secure now and in the future
Designed to help keep your data and network secure now and in the future.

Designed with IT security features in mind
Your confidential and restricted files can be shielded from unwelcome eyes with many layers of security measures, such as domain credentials, LDAP user authentication, and password-protected print files. You can set a job-specific password or code to help protect print files with sensitive information. This can help prevent accidental printing by unauthorized users, so prints don't end up in the wrong hands or the paper bin. The pre-installed uniFLOW network print and management software adds optional additional IT security features, with options such as access card user authentication.[1]

IT security features help protect your data
You can rely on security protocols, hack prevention guards, and file encryption to help you protect data in transit and at rest. Data shredding and other erasing protocols are available so that your data can't be accessed after it has been deleted. Robust user authentication features are designed to help put documents only in the hands of the users who are supposed to have access to them. It also sets up clear and reliable activity management for budget controllers. Finally, when you're ready to part ways with your plotWAVE T-series printer, you can erase or even remove the hard disk.

Security updates, now and in the future, with software support and remote service
- Automatically triggered notifications for security patches, to be installed to the administrator's specifications.

Safeguarding years ahead with CIP (Continuous Improvement Process)
- We continuously monitor security vulnerabilities in the wider security landscape to determine if there is the need to apply patches.
- An external security consultancy company structurally conducts penetration testing to verify the effectiveness. Testing is primarily based on the Open Worldwide Application Security Project (OWASP) top application security risks.

[1] Basic uniFLOW software is included as standard. Optional additional functionality is available for purchase. Consult your Canon representative.

STREAMLINED WORKFLOW FOR THE YEARS AHEAD

We're not only one of the market leaders in high-performance printers, we're also a well-known developer of controllers and workflow software that gives architects, designers, and engineers the tools they need to do the job.

USER AT THE HEART OF THE WORKFLOW

POWERsync⁺
Produce high-quality output with high productivity using our intuitive, easy-to-use interface.

IT Security Features
Help protect your valuable information in all phases of the print process.

ClearConnect User Panel
Print, copy, and scan with the multi-touch user panel, just as easy as using a tablet.

Publisher Express
Submit your print jobs conveniently via the web, independent of your web browser.

Publisher Mobile
Submit print jobs via your mobile phone app on iOS and Android phones.
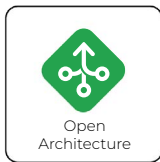
Printer Drivers
Print effectively and efficiently from any application with our easy-to-use printer drivers.

Open Architecture
Integrate smoothly into print management applications such as uniFLOW[2] thanks to our POWERsync⁺ controller.

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 operations.

PRISMAproduce Tech
Compose, manage, and submit complex sets of documents from your web browser to one or more printers at a time.[3]

PRISMAlytics Dashboard
Get comprehensive overviews to help monitor and maximize the production of your print operations with this secure cloud-based management information tool.[4]

PRISMAlytics Accounting
Capture data for cost charging and usage monitoring with this cloud-based reporting tool.[4]

[2] Basic uniFLOW software is included as standard. Optional additional functionality is available for purchase. Consult your Canon representative.
[3] Client/server-based software available in September 2024.
[4] Available in September 2024.

SUPPORT FOR SUSTAINABLE
BUSINESS INITIATIVES
FOR THE YEARS AHEAD

>85% OF THE PRINTER CAN BE REUSED

The plotWAVE T-series brings you compact, quiet, ergonomic printing. It's a printer designed to be built on, so you can support your sustainable business initiatives for years to come.

The closed toner system is designed to help limit unhealthy fumes in the work environment. The plotWAVE T-series supports uncoated or recycled media, and deinking of the prints before recycling. The T-series is designed to be a friendly printer for office environments, emitting almost no ozone and very little noise and heat. The ergonomic user interface works like a tablet and can be rotated and tilted to the optimal angle.

The plotWAVE T-series can help you minimize your business footprint. Radiant Fusing technology helps reduce energy use, earning the T-series the ENERGY STAR print engine label. The toner bottles are made of 50 percent PCR plastics on average. More than 85 percent of the printer can be reused or recycled.

This bottle is made of on average **50%** post-consumer recycled plastic.

TECHNICAL SPECIFICATIONS

STANDARD SYSTEM CONFIGURATION

Roll printing system	Productive large format monochrome printer with ClearConnect multi-touch user panel **T30, T35:** 1 Roll printing system **T50, T55:** 2 Roll printing system **T75:** 4 Roll printing system
Applications	Technical drawings
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
Starter kit (included)	1 bottle toner 500 g, 1 bottle developer 1750 g

OPTIONAL SYSTEM CONFIGURATIONS

Roll media capacity upgrade	**T30, T35:** Additional 2nd roll option to increase media capacity (650 ft per roll) **T50, T55:** Additional 2nd drawer to increase media capacity from 2 to 4 media rolls (650 ft per roll) **T75:** Additional 3rd media drawer to increase media capacity from 4 to 6 media rolls (650 ft per roll)
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 • Automated media saving function • Automated media switch • Pico Printing, intelligent print optimization **T50, T55, T75:** • Automatic Remaining media detection, indicating remaining media per media roll
Toner	Black toner: 2x500 gram per toner kit. The toner bottles are made of on average 50% post-consumer recycled plastic

PRODUCTIVITY

Speed (print and copy)	**T30:** Up to 4 D/A1-sizes[1] per minute **T35:** Up to 6 D/A1-sizes[1] per minute **T50:** Up to 8 D/A1-sizes[1] per minute **T55, T75:** Up to 10 D/A1-sizes[1] per minute
First print out time[2]	<40 seconds
First copy out time[3]	<40 seconds
Print modes	3 print modes

QUALITY

Print Resolution	600 x 1200 dpi
1:1 Line accuracy	< 0.3%

SIZE AND WEIGHT

Size main engine (WxDxH)	Compact design: 61.41 x 31.61 x 58.86 in; (including Top Delivery Tray and User interface in max pos)
Shipping dimensions (WxDxH)	57.87 x 33.26 x 49.6 in
Weight main engine	485 lbs (standard configuration)
Shipping weight main engine	648.15 lbs (standard configuration)

MEDIA HANDLING

Media capacity	**T30, T35:** 1 or 2[4] rolls **T50, T55:** 2 or 4[4] rolls; Cutsheet tray[4] **T75:** 4 or 6[4] rolls; Cutsheet tray[4]
Media cutting	Automatic cutter included in the drawers for fast and easy roll media switching
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
Roll length	Up to 650 ft
Roll width	11−36 in
Roll core diameter	3 in cores. Media loose on core - cannot be taped to core.
Minimum printed length	16.5 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
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

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)
Operation	3 hard buttons: [Wake-up], [Stop, interrupt, abort], [Home] Multi-touch functions: tap, double tap, pinch, 2 finger pinch, swipe, flick and spread
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
Hard Disk	2x 500 GB, 7200 rpm (standard)
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).

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 Tech[2]	Compose, manage and submit complex sets of documents from your web browser to one or more printers at a time.
PRISMAlytics Dashboard[3]	Get comprehensive overviews to monitor and maximize the production of your print operations with this secure cloud-based management information tool.
PRISMAlytics Accounting[3]	Capture data for cost charging and usage monitoring with this cloud-based reporting tool.

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[1] D size (34 x 22 in) / A1 size (841 x 594 mm).
[2] Client/server-based software available in September 2024.
[3] Available in September 2024.
[4] Optional.

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