**Canon**
Delighting You Always

**imagePROGRAF**
**TC** Series

PRINT, COPY, SCAN.
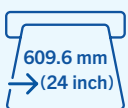
# ALL-IN-ONE DESKTOP LARGE FORMAT PRINTER

## Compact. Effortless. Efficient.

**4**
Colour
Pigment Ink

▼TC-21M

# #TheArchitectsChoice

| 609.6 mm (24 inch) | Roll Paper & Cut Sheet Support | Compact Width | 280 ml (4x 70ml) Bundled Pigment Ink | High durability* against water | Minimal Margin Printing | Print, Copy & Scan |
|---|---|---|---|---|---|---|
| Max. Print/ Copy Width | | | | | | |

The imagePROGRAF TC Series provides exceptional versatility in creating high-quality CAD drawings, posters and large prints. Compact and easy to operate, experience greater productivity that boosts your workflow even in small workplaces with the ability to print from A6 to A1 sizes. Improve business efficiency through enhanced scanning and copying of original documents using the A4 flat-bed scanner.

# COMPACT & EFFICIENT WITH EXCELLENT PRINT QUALITY

The TC series boasts a small footprint with a width of 609.6 mm (24 inches). The 4-colour pigment ink produces vivid red colours create stunning printouts that impress, and its ease of operation boosts efficiency and productivity.

## COMPACT WIDTH

The 609.6 mm (24 in) width helps the TC series to easily fit into shelves, or be placed on desks within small offices while allowing for an optional printer stand and desktop basket.

## AUTOMATIC SWITCHING ROLL PAPER / CUT SHEET

The TC series supports output prints of **up to A1-sized/ 609.6 mm (24 in) width** roll paper alongside the easy loading of cut sheet media, while the Auto Sheet Feeder can cater for **100 A4\* or 50 A3\* sheets.**

Roll Paper                    Cut Sheet                    *Plain paper

## BUNDLED INK BOTTLES

The TC series comes with large bundled ink bottles with a **total capacity of 280 ml** (4 colours x 70 ml), instantly catering for any print needs.

## MINIMAL MARGIN PRINTING

The TC series delivers high quality output on roll paper with minimal margins of approximately 0.5mm on the left and right sides, keeping it borderless on the top and bottom.

## VERSATILE MEDIA HANDLING

Supports a wide range of paper sizes from A6 to A1-sized/24-inch width and various paper types like from postcards, envelopes, labels and office documents to CAD line drawings, posters and long banners.

## HIGH IMAGE QUALITY

The TC series features all-colour pigment ink printing and delivers **vivid colour expression** in posters and flyers, especially in **red.** Printouts that are created **do not smudge easily** from water spills & highlighter marks, ensuring that they remain legible.

### Effects of water spills* on prints

Lines & text remain visible after water spills

Printed with TC-21M

*Water droplets on the drawing 24 hours after it was printed on plain paper "Red Label 75g/m$^2$ (gsm)" and using Canon original ink.
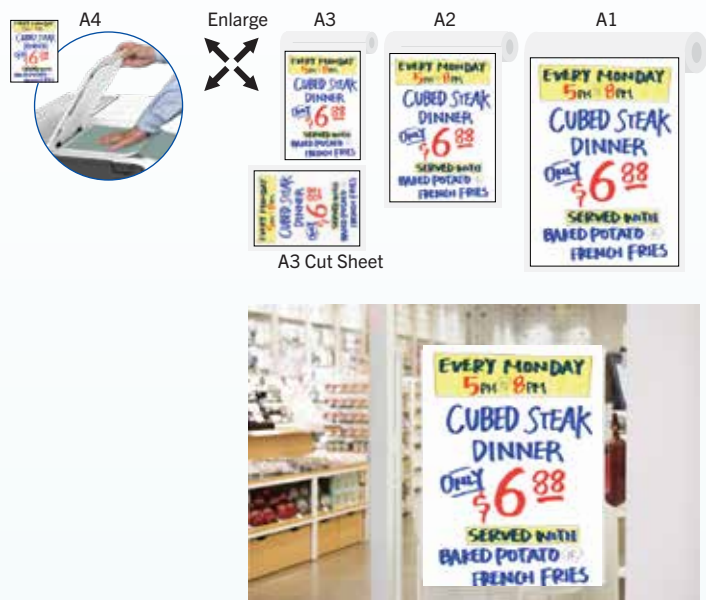
# MULTIPLE COPY FUNCTIONS

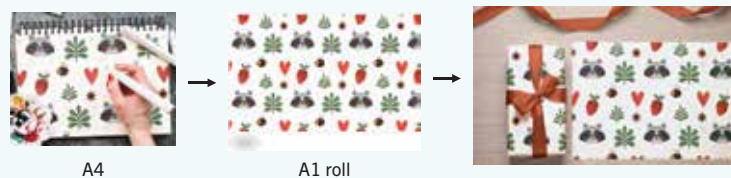Enlargement copy, repeat copy, layout copy and image stitch copy functions are available on the TC-21M.

## Enlargement Copy

A4 documents can be scanned and enlarged up to A1 or 609.6mm (24in) size on roll paper, or up to A3 on cut sheets to maximize the image automatically. The orientation of the image can be selected on the user panel.
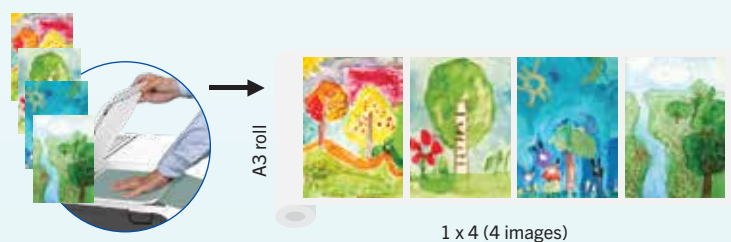


A4 — Enlarge — A3 — A2 — A1

A3 Cut Sheet

## Repeated Copy

Repeatedly copy an A4 document to fit the width of roll paper. Fitted to maximum roll width of A1/609.6 mm (24in).



A4 — A1 roll

## Layout Copy*

Multiple original images can be copied in order into one continuous layout and fitted to the roll paper width. Fitted to maximum roll width of A1/609.6 mm (24in).



A3 roll

1 x 4 (4 images)

Maximum of 4 A4 original images can be copied

# APPLICATIONS



**CAD DRAWINGS**



**GIS MAPS**



**PERSCPECTIVE**



**POSTER**



**A4/A3 DOCUMENTS**

# SPECIFICATIONS

| PRINTER | | TC-21 | TC-21M |
|---|---|---|---|
| Printer Type | | 4-Colour, 609.6 mm (24 inch) | |
| Number of Nozzles | | 4 352 nozzles (BK: 1 280 nozzles, Other Colours: 1 024 nozzles each) | |
| Max. Print Resolution | | 2 400 x 1 200 dpi | |
| Nozzle Pitch | | 1 200 dpi x 2 | |
| Line Accuracy[1] | | ± 0.1% or less | |
| Ink Bottle Size | Sales Ink | 70 ml x 4 (BK / C / M / Y) | |
| | Bundle Starter Ink | 70 ml x 4 (BK / C / M / Y) | |
| Ink Type | | Pigment Ink | |
| Windows Platform | For Printer | Windows Printer Driver | |
| | For Scanner | - | Windows Scanner Driver, WIA Driver, Windows Scanner Utility, IJ Network Scanner Selector EX |
| MAC Platform | For Printer | Canon IJ Printer Driver | |
| | For Scanner | - | IJ Scan Utility Lite |
| Print Languages | | SG Raster | SG Raster, PDF, JPEG |
| Print Solutions | | ChromeOS, Canon PRINT Inkjet/SELPHY (iOS/Android), Canon Print Service, Free Layout Plus, PosterArtist Web, Direct Print Plus (PDF/JPEG), PIXUS/PIXMA Cloud Link | |
| Management Solutions | | Media Configuration Tool, Quick Utility Toolbox, Wi-Fi Connection Assistant, Printer Update Utility | |
| Interface (Built-in) | USB A Port | - | USB Memory (Direct Print), JPEG/PDF[2] (Exif ver2.2/2.21/2.3) |
| | USB B Port | Hi-Speed USB, Full Speed (12 Mbit/sec), Hi-Speed (480 Mbit/sec), Bulk Transfer, Series B (4 pins) | |
| | Network | IEEE 802.3 10base-T, IEEE 802.3u 100base-TX, SNMP HTTP, TCP/IP (IPv4/IPv6) | |
| | Wireless LAN | IEEE802.11 a/b/g/n/ac WPA-PSK (TKIP/AES) WPA2-PSK (TKIP/AES) WPA3-SAE(AES) WPA-EAP(AES)[3] WPA2-EAP(AES)[3] WPA3-EAP(AES)[3] | |
| Memory | | 1 GB | |
| Display | | LCD (6.7cm / 2.7 inch) (Touch Screen, Color,Tilt) | |
| OS Compatibility | | Windows, Macintosh *Please visit https://asia.canon to confirm OS compatibility and to download the latest drivers. | |

| SCANNER | | | |
|---|---|---|---|
| Scanner Type | | - | Flatbed (CIS Scanner) |
| Optical Resolution (DPI)[4] | | | 1 200 x 2 400 dpi |
| | Grayscale | | 16bit/8bit |
| | Colour | | RGB 16bit/8bit |
| Scanning Speed | Grayscale/ Monochrome | | 1.5 ms/line at 300 dpi |
| | Colour | | 3.5 ms/line at 300 dpi |
| Maxmum Document Size | | | A4/LTR (216 x 297 mm) |

| PRINT SPEED[5] | | A1 SIZE | |
|---|---|---|---|
| Plain Paper | CAD Drawing | 30 s (Draft) (Monochrome) | |

| MEDIA HANDLING | | TC-21 | TC-21M |
|---|---|---|---|
| Media Width | Roll Paper | 297 - 610 mm (A3 width to 609.6 mm (24 inch)) | |
| | Cut Sheet | 89 - 297 mm (A3, A4, Letter, A5, A6) | |
| Media Thickness | Roll Paper/ Cut Sheet | 0.08 - 0.28 mm | |
| Printable Media Width | Roll Paper | 297 - 610 mm | |
| | Cut Sheet | 89 - 297 mm | |
| Printable Media Length | Roll Paper | 203.2 mm - 4 m | |
| | Cut Sheet | 127 - 1200 mm | |

**Specifications are subject to change without notice.**

| | | |
|---|---|---|
| Media Core Size | | 50.8 mm (2 inch) core |
| Outside Diameter Roll Paper | | 110 mm or less |
| Media Feed | Roll Paper | 1 Roll |
| | Cut Sheet | Automatic Switch Function (ASF) |
| Delivery Direction | | Face-up, Front side |
| Margins (Top, Bottom, Side) | Recommended Area (Roll Paper) | Top, Bottom, Left, Right: 5mm *Some photo modes - Top: 30 mm, Bottom: 30 mm |
| | Recommended Area (Cut Sheet) | Top, Bottom, Left, Right: 5mm |
| | Printable Area (Roll Paper) | Top, Bottom, Left, Right: 5mm *Some photo modes - Top: 30 mm, Bottom: 30 mm |
| | Printable Area (Roll Paper Minimal Margin Print[6]) | Top, Bottom: 0 mm, Left, Right: approx. 0.5 mm |
| | Printable Area (Cut Sheet) | Top, Bottom, Left, Right: 5mm |

| DIMENSIONS (W x D x H) & WEIGHT[7] | | | |
|---|---|---|---|
| Packaged Dimensions | Printer | 1 120 x 726 x 406 mm Weight: 45 kg | 1 120 x 726 x 406 mm Weight: 46 kg |
| | Stand + Basket (SD-24) (W x D x H) | 1 058 x 826 x 270 mm Weight: 20kg | |
| | Desktop Basket (BU-06) (W x D x H) | 798 x 301 x 111 mm Weight: 2.0 kg | |
| Printer Dimension | Printer | 968 × 613 × 395 mm (ASF[8] Opened, OP[9] Opened) 968 × 553 × 395 mm (ASF[8] Opened, OP[9] Closed) 968 × 593 × 245 mm (ASF[8] Closed, OP[9] Opened) 968 × 533 × 245 mm (ASF[8] Closed, OP[9] Closed) | |
| | | Weight[10]: 32 kg | Weight[10]: 34 kg |
| | With Stand + Basket (SD-24) (W x D x H) | 968 × 868 × 1024 mm (ASF[8], OP[9], Basket Opened) 968 × 720 × 874 mm (ASF[8], OP[9], Basket Closed) | |
| | | Weight[10]: 43 kg | Weight[10]: 44 kg |
| | With Desktop Basket (BU-06) (W x D x H) | 968 × 845 × 1115[11] mm (ASF[8], OP[9], Basket Opened) 968 × 595 × 965[11] mm (ASF[8], OP[9], Basket Closed) | |
| | | Weight[10]: 33 kg | Weight[10]: 35 kg |

| POWER & OPERATING REQUIREMENTS | | | |
|---|---|---|---|
| Power Supply (Printer) | | AC 100 - 240 V (50 - 60 Hz) | |
| Power Consumption (Printer) | Operation | Operation: Approx. 28 W, Sleep Mode: Approx. 1.7 W | |
| | Sleep Mode | Approx. 2.3 W | |
| | Power OFF | Approx. 0.07 W | |
| Recommended Environment | Temperature | 15 - 30 ℃ | |
| | Humidity | 10 - 80% RH (no dew condensation) | |
| Acoustics | Power[12] | Approx. 6.0 Bels | |
| | Pressure[12] | Approx. 41.5 dB(A), Standby 35 dB(A) or less | |

| OPTIONAL ACCESSORIES | | |
|---|---|---|
| Roll Unit | | - |
| 2/3" Roll Holder | | - |
| Printer Stand + Basket | | SD-24 |
| Desktop Basket | | BU-06 |

| CONSUMABLES | | |
|---|---|---|
| Ink Bottle | | PFI-050 (70 ml) |
| Print Head | | PF-08 |
| Maintenance Cartridge | | MC-32 |

[1] User adjustments required. Printing environment and media must match those used for the adjustments. Paper required: Plain paper and coated paper only.
[2] PDF supports only files generated by TC Series and Canon IJ products.
[3] IEEE802.1X (EAP-TLS/EAP-TTLS/PEAP) supported.
[4] Optical resolution is based on the ISO 14473 standard and represents the maximum sampling rate for scanning documents.
[5] A1 page portrait orientation, plain paper with fastest print mode setting. Print speed (time taken to print one page) does not include time required for data processing, data transfer and pre-printing operations.

[6] Includes roll holder set.
[7] Auto Sheet Feeder
[8] Operation Panel
[9] Weight includes print head, excluding ink.
[10] Height above which desktop basket's cloth does not touch the floor when opening the desktop basket.
[11] Acoustic power and pressure are measured using ISO 7779 standard.

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