

## imagePROGRAF TC-20 M

# UNLOCK LARGE FORMAT POTENTIAL FROM SMALL SPACES

Ideal for offices, retail, travel agencies, education, AEC, etc.

- **Versatile functionality**

Make use of an A4 flatbed scanner with enlarge, copy and repeat functions to create a range of output including educational material, flyers and personalised wrapping paper.

- **Print in superior quality**

High-quality pigment ink prints, without the price tag. Use the added scanning function and free PosterArtist app to produce professional prints of all sizes (including posters, flyers and menus) without relying on digital source files.

- **Smooth workflows**

Easily set up roll paper with a shaftless roll holder and use the built-in auto-sheet feeder to keep prints moving without intervention. Print from a USB without PC operation and produce large format prints with the intuitive, easy-to-use scanning function.

- **Best office support**

Brings more values than typical office devices – with scanning, copying and printing with cut sheets or roll paper, all-in-one. Besides printing standard documents, you can expand prints to large format like notifications and posters, up to A1 size.

- **Green at heart**

Meet your sustainability goals with easily recyclable plastic 70ml ink bottles, reduced packaging and low energy consumption from an EPEAT Gold\* rated device.

\*EPEAT Gold registered in the U.S.

**Canon**

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# TECHNICAL SPECIFICATIONS

# imagePROGRAF TC-20 M

## PRINTER TECHNOLOGY

Printer Type	4 Colour 24"
Print Technology	Canon Pigment ink 4 colours integrated type (4 chips per print head x 1 print head)
Print Resolution	2,400 x 1,200 dpi
Number of Nozzles	Total : 4352 nozzles BK: 1280 nozzles C, M, Y : 1024 nozzles each
Line Accuracy	±0.1% or less User adjustments necessary. Printing environment and media must match those used for the adjustments.
Nozzle Pitch	1,200 dpi x 2 lines
Ink Capacity	Bundled Starter Ink: 280ml (70mlx4 for BK, C, M, Y) Sales Ink: 70ml (BK, C, M, Y)
Ink Type	Pigment inks: 4 colour BK/C/M/Y
OS Compatibility	32 Bit: Windows7, Windows 8.1, Windows 10 64 Bit: Windows 7, Windows 8.1, Windows 10, Windows 11, Windows Server 2008R2, 2012, 2012R2, 2016, 2019, 2022 Apple Macintosh: macOS 10.14.6-macOS 12.x
Printer Languages	USB Memory Direct Print: PDF <sup>1</sup> , JPEG (Exif ver2.2/2.21/2.3)
Others supported job submission protocol	Apple AirPrint, Mopria, Chrome OS
Standard Interfaces	USB A Port: USB Memory (Direct Print) - PDF/JPEG (Exif ver2.2/2.21/2.3) USB B Port: Hi-Speed USB Ethernet: IEEE802.3u(100BASE-TX) / IEEE802.3(10BASE-T) Wireless LAN <sup>2</sup> : IEEE802.11n/IEEE802.11g/IEEE802.11b

## SCANNER TECHNOLOGY

Scanner Type	Flatbed CIS colour scanner
Scanner Resolution <sup>3</sup> (Optical)	Main scan X sub scan: 1200 x 2400 dpi
Scanning Depth (Input/Output)	Color: RGB each 16bit / each 8bit Greyscale: 16bit / 8bit
Line Scanning speed	Colour: 3.5 ms/line at 300 dpi Greyscale / Monochrome: 1.5 ms/line at 300 dpi
Maximum Document Size	A4/LTR(216 x 297mm)

## MEMORY

Standard memory	1GB Expansion slot: No
Hard Drive	N/A

## PRINT SPEED

CAD Drawing	Plain paper (A1, B&W): 0:33 (Standard)
Poster	Plain Paper (A1, Colour): 1:03 (Standard) Plain Paper (A1) 1:10 (Fast) 2:08 (Standard) Coated Paper (A1) 3:10 (Fast) 6:05 (Standard)

## MEDIA HANDLING

Media Feed and Output	Roll Paper: One Roll, Front-loading, Front Output Cut Sheet: Auto sheet feeder
Media Width	Roll paper : A3, A2, A2+, A1, B2, B3, 18", 24", 17" Cut sheet: 210mm - 297mm
Media Thickness	Roll/Cut : 0.08mm - 0.28mm
Minimum Printable Length	Roll/Cut : 203.2mm
Maximum Printable Length	Roll paper: 4m Cut sheet: 432mm
Maximum Media Roll Diameter	110mm
Media Core Size	Internal diameter of roll core: 2"
Margins Recommended area	Roll paper: Top: 5mm, Bottom: 5mm, Side: 5mm (some photo mode: Top: 30mm, Bottom: 30mm) Cut sheet: Top: 5mm, Bottom: 5mm, Side: 5mm
Margins Printable area	Roll paper: Top: 5mm, Bottom: 5mm, Side: 5mm (some photo mode: Top: 30mm, Bottom: 30mm) Cut sheet: Top: 5mm, Bottom: 5mm, Side: 5mm

## Media Feed Capacity

Media Take-up roll unit	Roll Paper: One roll Cut Sheet: 100 sheets (A4), 50 sheets (A3)
Borderless Printing Width (Roll Only)	N/A
Maximum number of delivered prints	N/A
	Desktop Basket (BU-06): Standard position - 1 sheet

## POWER AND OPERATING REQUIREMENTS

Power Supply	AC 100-240V (50-60Hz)
Power Consumption	Operation: 28W or less Sleep mode: 2.4W or less Default setting for the time to enter the Sleep mode: Approx. 5 minutes Power off: 0.3W or less
Operating Environment	Temperature: 15-30°C, Humidity: 10-80% RH (no dew condensation)
Acoustic Noise (Pressure / Power)	Operation: Approx. 41.5 dB(A) (Plain paper, Standard mode, Line Drawing/Text mode) Standby: 35 dB(A) or less (Measured on ISO 7779 standard)
Regulations	CE mark, UKCA mark
Environment Certificates	CB certification, EPEAT GOLD <sup>4</sup>

## DIMENSIONS AND WEIGHT

Physical Dimensions and Weight	W x D x H Main Unit 968 x 545 x 395 mm (ASF Opened) 968 x 525 x 245 mm (ASF Closed) 33 kg (exclude ink bottle, include print head)
	Main Unit + Desktop Basket (BU-06) 968 x 825 x 965 mm (Basket Opened) 968 x 525 x 965 mm (Basket Closed) 34 kg (exclude ink bottle, include print head) *Height above which cloth does not touch the floor when opening the desktop basket.
	Main Unit + Stand + Basket (SD-24) 968 x 870 x 874 mm (Basket Opened) 968 x 707 x 874 mm (Basket Closed) 42 kg (exclude ink bottle, include print head)
Packaged Dimensions and Weight	Printer (Main unit): 1120 x 726 x 406 mm, 45kg Desktop Basket (BU-06): 798 x 301 x 111 mm, 1.8kg Stand + Basket (SD-24): 1055 x 824 x 268 mm, 16kg

## WHAT'S INCLUDED

What's in the Box?	Printer, 1 Print head, Power Cable, 1 Set of starter ink tanks, Installation Guide, Safety/Standard Environment leaflet, EU Biocide Sheet, LFP Eur Address Sheet, Flange protective materials sheet
Software Included	Software available as Download from Web

## OPTIONS

Optional Items	Desktop Basket: BU-06 Printer Stand + Basket: SD-24
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## CONSUMABLES

User Replaceable Items	Ink Tank: PFI-050 (70ml) Print Head: PF-08 Maintenance Cartridge: MC-32
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## Footnotes

- <sup>[1]</sup> PDF supports only files generated by imagePROGRAF TC-20M and Canon IJ Scan Utility software
- <sup>[2]</sup> Please refer to user manual how to activate/deactivate the wireless LAN
- <sup>[3]</sup> Optical resolution is based on the ISO 14473 standard and represents the maximum sampling rate for scanning documents.
- <sup>[4]</sup> EPEAT Gold registered in the U.S.

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