

imagePROGRAF

TA-20

# COMPACT AND INTUITIVE DEVICE FOR HIGH PRINT QUALITY

A versatile and compact multi-purpose printer designed for schools, offices and retail with low volume print jobs.



- **High Print Quality**  
Innovative imaging technology delivers precise printing, with powerful colour from LUCIA TD ink
- **Quiet and compact**  
Seamlessly fits into any office, with reduced operation noise and full front accessibility
- **Accurate ink placement**  
Print sharp lines with an innovative Air Feeding System that keeps paper flat for high accuracy
- **Strengthened security**  
Security requirements and settings for secure communication, secure management and secure interface
- **Ease of use**  
3" inch color LCD touchscreen panel with ample icons for immediate access

## PRODUCT RANGE



imagePROGRAF TA-30



imagePROGRAF TA-20



imagePROGRAF TM-200

**Canon**

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# TECHNICAL SPECIFICATIONS

# imagePROGRAF TA-20

## TECHNOLOGY

<b>Printer Type</b>	5 colors 24"/610mm
<b>Print Technology</b>	Canon Bubblejet on Demand 6 colours integrated type (6 chips per print head x 1 print head)
<b>Print Resolution</b>	2,400 x 1,200 dpi
<b>Number of Nozzles</b>	15,360 nozzles (MBK 5,120 nozzles, Other Colors 2,560 nozzles each)
<b>Line Accuracy</b>	±0.1% or less User adjustments necessary. Printing environment and media must match those used for the adjustments. CAD paper required: Plain paper, CAD tracing paper, coated paper, CAD translucent matte film only
<b>Nozzle Pitch</b>	1,200dpi (2 lines)
<b>Ink Droplet Size</b>	minimum 5 pl per colour
<b>Ink Capacity</b>	Sales Ink: 55ml Bundled Starter Ink: 55ml (2 x MBK, 1 x BK,C,M,Y)
<b>Ink Type</b>	Pigment inks - Matte Black, Black, Cyan, Magenta, Yellow
<b>OS Compatibility</b>	Microsoft Windows 32 Bit: Vista, 7, 8, 8.1, 10 Microsoft Windows 64 Bit: Windows 7, 8.1, 10, Windows Server 2008R2, Windows Server 2012/2012R2, Windows Server 2016, Windows Server 2019 Apple Macintosh: OS X 10.10.5-OS X 10.11, macOS 10.12- macOS 10.15
<b>Printer Languages</b>	SG Raster (Swift Graphic Raster),HP-GL/2, HP RTL, JPEG (Ver. JFIF1.02)
<b>Standard Interfaces</b>	USB B Port: Hi-Speed Ethernet: IEEE 802.3 10base-T/IEEE 802.3u 100base-TX/IEEE 802.3ab 1000base-T/IEEE 802.3x Full Duplex Wireless LAN: IEEE802.11n/IEEE802.11g/IEEE802.11b * Please refer to user manual how to activate/deactivate the wireless LAN

## MEMORY

<b>Standard memory</b>	2 GB
<b>Hard Drive</b>	NO

## PRINT TIME FOR A1 PAGE SIZE

<b>Media Type</b>		<b>Print Mode</b>	<b>Print Time</b>
<b>CAD Drawing</b>			
<b>Plain Paper (A1 size Portrait)</b>		Fast	00:32 min
		Standard	00:56 min
<b>Poster</b>		<b>Print Mode</b>	<b>Print Time</b>
<b>Plain Paper (A1 size Portrait)</b>		Fast	00:30 min
		Standard	00:49 min
<b>Heavy Coated Paper (A1 paper size)</b>		<b>Print Mode</b>	<b>Print Time</b>
		Fast	00:58 min
		Standard	01:46 min

## MEDIA HANDLING

<b>Media Feed and Output</b>	Roll Paper: One Roll, Upper-loading, Front Output Cut Sheet: Upper-loading, Front Output (Manual feed using media locking lever)
<b>Media Width</b>	Roll paper: 203.2 - 610 mm Cut sheet: 210 - 431.8 mm
<b>Media Thickness</b>	Roll/Cut: 0.07 - 0.8 mm
<b>Minimum Printable Length</b>	Roll paper: 203.2 mm Cut sheet: 279.4 mm
<b>Maximum Printable Length</b>	Roll paper: 18 m (Varies according to the OS and application) Cut sheet: 594mm
<b>Maximum Media Roll Diameter</b>	150 mm or less
<b>Media Core Size</b>	Internal diameter of roll core: 2"/3"(option)
<b>Margins Recommended area</b>	Roll paper: Top: 20 mm, Bottom: 3 mm, Side: 3 mm Cut sheet: Top: 20 mm, Bottom: 20 mm, Side: 3 mm

## Margins Printable area

Roll paper: Top: 3 mm, Bottom: 3 mm, Side: 3 mm  
Roll paper (borderless): Top: 20 mm, Bottom: 0 mm, Side: 0 mm  
Cut sheet: Top: 3 mm, Bottom: 20 mm, Side: 3 mm

## Media Feed Capacity

Manually switchable by user

## Media Take-up roll unit

N/A

## Borderless Printing Width (Roll Only)

(Printable) 203.2-610mm  
\*Roll paper only \* No size restriction

## Maximum number of delivered prints

Standard position: 1 sheet

## DIMENSIONS AND WEIGHT

### Physical Dimensions WxDxH (mm) and Weight (Kg)

982 x 748 x 438 mm  
37 kg (including Roll Holder Set, excluding ink and print head)

### Packaged Dimensions WxDxH (mm) and Weight (Kg)

Printer (Main unit with pallet) 1147 x 874 x 542 mm  
49 kg

## POWER AND OPERATING REQUIREMENTS

### Power Supply

AC 100-240V (50-60Hz)

### Power Consumption

Operation: 52 W or less  
Sleep mode: 3.6W or less  
Default setting for the time to enter the Sleep mode: approx. 5 mins  
Power off: 0.3 W or less

### Operating Environment

Temperature: 15-30°C, Humidity: 10-80% RH (no dew condensation)

### Acoustic Noise (Power/Pressure)

Operation: 42 dB (A) (Plain paper, line drawing, standard mode)  
Standby: 35 dB (A) or less  
Operation: 5.8 Bels (Plain paper, line drawing, standard mode) (Measured on ISO 7779 standard and described based on ISO9296 standard)

### Regulations

Europe: CE mark, Russia: EAC,

### Certificates

TUV, CB

## WHAT'S INCLUDED

### What's in the Box?

Printer, 1 print head, Power Cabel, 1 set of starter ink tanks, Set up guide, Quick Guide, Safety/Standard Environment leaflet, User Software CD-ROM (Win), EU Biocide Sheet, Eurasian Economic Union Sheet, Important Information Sheet

### Software Included

imagePROGRAF TA- Unified Printer Driver, Other software available as Download from Web.

## OPTIONS

### Optional Items

2/3" Roll Holder: RH2-28

## CONSUMABLES

### User Replaceable Items

Ink Tank: PFI-030 (55ml)  
Print Head: PF-06  
Cutter Blade: CT-08  
Maintenance Cartridge: MC-31

## Disclaimer

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Canon recommends you use Canon Media for the best results. Please check media (paper) compatibility list to see which variety of paper/media is recommended.

