

# imagePROGRAF TX-3100

## A HIGH-SPEED, 36-INCH PRINTER WITH ADVANCED MEDIA HANDLING AND INTUITIVE USABILITY

High-speed, multipurpose,  
large format inkjet printer for  
CAD production and poster,  
with advanced usability and  
flexibility.



- **Fast printing**  
Up to 3.2ppm for A1 CAD drawings by increased print speed and data processing
- **Increased productivity**  
A smart media handling system with simple and easy software solutions support highly efficient production workflows
- **High-volume production**  
Uninterrupted ink tank replacement, enhanced data processing and a dual roll option maintain impressive print speeds
- **Flexible printing**  
No more complicated post-production with free-size and three-side borderless printing functionality
- **Outstanding quality**  
Innovative ink and printing processes promise Canon's superb print quality
- **Reliable security**  
Enhanced protect delivers robust document and device security
- **Weather resistance**  
Full pigment LUCIA TD ink provides greater durability with the water resistant media option

### PRODUCT RANGE



imagePROGRAF TX-2100



imagePROGRAF TX-4100



imagePROGRAF TX-3100 MFP Z36

**Canon**

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# TECHNICAL SPECIFICATIONS

# imagePROGRAF TX-3100

## TECHNOLOGY

<b>Printer Type</b>	5 Colour 36"
<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>	Total : 15,360 nozzles MBK : 5,120 nozzles BK, C, M, Y : 2,560 nozzles each
<b>Line Accuracy</b>	±0.1% or less
<b>Nozzle Pitch</b>	1,200 dpi x 2 includes Non-firing nozzle detection and compensation system
<b>Ink Droplet Size</b>	5 pl per colour
<b>Ink Capacity</b>	Bundled Starter Ink: 330ml (MBK)/160ml (BK, C, M, Y) Sales Ink: 160ml/330ml/700ml
<b>Ink Type</b>	Pigment inks : 5 colour MBK/BK/C/M/Y
<b>OS Compatibility</b>	Microsoft Windows 32 Bit: 7, 8.1, 10 64 Bit: Windows 7, Windows 8.1, Windows 10, Windows Server 2008R2, 2012, 2012R2, 2016, 2019 Apple Macintosh: macOS 10.12.6-macOS 10.15
<b>Printer Languages</b>	HP-GL/2, HP RTL, PDF (Ver.1.7), JPEG (Ver. JFIF 1.02)
<b>Standard Interfaces</b>	USB A Port: USB Memory Direct Print for JPEG/PDF files USB B Port: Built-in Hi-Speed USB Ethernet: 10/100/1000 base-T 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>	128GB (Physical memory 2GB) Expansion slot : No
<b>Hard Drive</b>	500GB (Encrypted)

## PRINTING SPEED

<b>CAD Drawing:</b>	
<b>Plain Paper (A1)</b>	0:18 (Fast Economy Mode), 3.2ppm
<b>Plain Paper (A0)</b>	0:34 (Fast Economy Mode) 0:37 (Fast) 1:04 (Standard)
<b>Poster:</b>	
<b>Plain Paper (A0)</b>	0:37 (Fast Economy Mode) 0:42 (Fast) 1:15 (Standard)
<b>Heavy coated Paper (A0)</b>	1:38 (Fast) 2:33 (Standard)

## MEDIA HANDLING

<b>Media Feed and Output</b>	Roll Paper : One Roll, Front-loading, Front Output Cut Sheet : Front-loading, Front Output (Manual feed using media locking lever)
<b>Media Width</b>	Roll paper : 152.4mm - 917mm Cut sheet 152.4mm - 917mm
<b>Media Thickness</b>	Roll/Cut : 0.07mm - 0.8mm
<b>Minimum Printable Length</b>	Roll paper : 101.6mm (Excluding Cloth, Canvas, Tracing Paper and Translucent Matte Film media. These media are 200mm.) Cut sheet : 203.2 mm
<b>Maximum Printable Length</b>	Roll paper : 18 m (Varies according to the OS and application) Cut sheet : 1.6 m
<b>Maximum Media Roll Diameter</b>	170 mm
<b>Media Core Size</b>	Internal diameter of roll core: 2 1/3"
<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
<b>Margins Printable area</b>	Roll paper : Top: 3 mm, Bottom: 3 mm, Side: 3 mm Roll paper (borderless) : Top: 0 mm, Bottom: 0 mm, Side: 0 mm Cut sheet : Top: 3 mm, Bottom: 20 mm, Side: 3 mm
<b>Media Feed Capacity</b>	Roll Paper: Two rolls. Automatic switching is possible. Cut Sheet: 1 sheet
<b>Media Take-up roll unit</b>	Dual direction roll take up unit allowing print surface to be wound inside or outside of the roll

## Borderless Printing Width (Roll Only)

[Recommended] 515mm(JIS B2), 594mm(ISO A1), 728mm(JIS B1), 841mm(ISO A0), 10", 14", 17", 24", 36" [Printable] 257mm(JIS B4), 297mm(ISO A3), 329mm(ISO A3+), 420mm(ISO A2), 6", 8", 12", 15", 16", 18", 20", 22", 30", 34", 300mm, 500mm, 600mm, 800mm and custom roll width (152.4 - 917mm)  
\*\*"Printable" size is printed as micro margin technology, that means is not used with hole of platen.

## Maximum number of delivered prints

[Multi-position basket]  
Standard position: 1 sheet  
Flat position: A2 landscape, glossy paper 10 sheets, Coated paper 20 sheets, Plain paper 20 sheets (excludes strong curled condition)  
[Stacker]  
Basket position: 1 sheet (excludes curled condition)  
Folding position: A0/A1 portrait, CAD drawing, Plain paper 20 sheets, Uncoated paper 100 sheets (excludes curled condition)  
Stacking position: A1/A2 landscape, CAD drawing, Plain paper 100 sheets, Uncoated paper 100 sheets (excludes curled condition)

## DIMENSIONS AND WEIGHT

<b>Physical Dimensions WxDxH (mm) and Weight (Kg)</b>	1390 x 984 x 1168 mm (Basket Open) 1390 x 766 x 1168 mm (Basket Closed) 105 kg (including Roll Holder Set and Roll unit, excluding ink and print heads)
<b>Packaged Dimensions WxDxH (mm) and Weight (Kg)</b>	Printer (Main unit with pallet): 1606 x 903 x 1061 mm 149 kg Roll Unit: 1524 x 562 x 461 mm 26 kg

## POWER AND OPERATING REQUIREMENTS

<b>Power Supply</b>	AC 100-240V (50-60Hz)
<b>Power Consumption</b>	Operation: 115 W or less Sleep mode: 2.1 W or less Default setting for the time to enter the Sleep mode: Approx. 5 Minutes Power off: 0.3 W or less
<b>Operating Environment</b>	Temperature: 15-30°C, Humidity: 10-80% RH (no dew condensation)
<b>Acoustic Noise (Power/Pressure)</b>	Operation: 51 dB (A) (Plain paper, Standard mode, Line Drawing/Text mode) (Measured on ISO 7779 standard) Standby: 35 dB (A) or less Operation: 6.9 Bels or less (Plain paper, Standard mode, Line Drawing/Text mode) (Measured on ISO 7779 standard)

## Regulations

Europe: CE mark,  
Other Countries : CB certification

## Environment Certificates

TUV, CB

## WHAT'S INCLUDED

<b>What's in the Box?</b>	Printer, 1 x Print Head, 1 x Roll holder (spool), 3" Paper Core Attachment, 1 Set of Starter Ink Tanks, Set Up Guide, Safety/Standard, Environment Leaflet User software CD-ROM (Windows), PosterArtist Lite CD-ROM EU Biocide Sheet, Eurasian Economic Union Sheet, Important Information Sheet
<b>Software Included</b>	imagePROGRAF TX Printer Driver and PosterArtist Lite Other software available as Download from Web.

## OPTIONS

<b>Optional Items</b>	2/3" Roll Holder: RH2-34 Roll Unit : RU-32 Stacker : SS-31
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## CONSUMABLES

<b>User Replaceable Items</b>	Ink Tank: PFI-110 (160ml), PFI-310 (330ml), PFI-710 (700ml) Print Head: PF-06 Cutter Blade: CT-07 Maintenance Cartridge: MC-30
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## Notes & Recommendations

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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.



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