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**
  Uninturrupted 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

TECHNICAL SPECIFICATIONS

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TECHNOLOGY

Printer Type	5 Colour 36"
Print Technology	Canon Bubblejet on Demand 6 colours integrated type (6 chips per print head x 1 print head)
Print Resolution	2,400 x 1,200 dpi
Number of Nozzles	Total : 15,360 nozzles MBK : 5,120 nozzles BK, C, M, Y : 2,560 nozzles each
Line Accuracy	±0.1% or less
Nozzle Pitch	1,200 dpi x 2 includes Non-firing nozzle detection and compensation system
Ink Droplet Size	5 pl per colour
Ink Capacity	Bundled Starter Ink: 330ml (MBK)/160ml (BK, C, M, Y) Sales Ink: 160ml/330ml/700ml
Ink Type	Pigment inks : 5 colour MBK/BK/C/M/Y
OS Compatability	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
Printer Languages	HP-GL/2, HP RTL, PDF (Ver.1.7), JPEG (Ver. JFIF 1.02)
Standard Interfaces	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

Standard memory	128GB (Physical memory 2GB) Expansion slot : No
Hard Drive	500GB (Encrypted)

PRINTING SPEED

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

MEDIA HANDLING

Media Feed and Output	Roll Paper : One Roll, Front-loading, Front Output Added Roll Paper : One Roll, Front-loading, Front Output Cut Sheet : Front-loading, Front Output (Manual feed using media locking lever)
Media Width	Roll paper : 152.4mm - 917mm Cut sheet 152.4mm - 917mm
Media Thickness	Roll/Cut : 0.07mm - 0.8mm
Minimum Printable Length	Roll paper : 101.6mm (Excluding Cloth, Canvas, Tracing Paper and Translucent Matte Film media. These media are 200mm.) Cut sheet : 203.2 mm
Maximum Printable Length	Roll paper : 18 m (Varies according to the OS and application) Cut sheet : 1.6 m
Maximum Media Roll Diameter	170 mm
Media Core Size	Internal diameter of roll core: 2"/3"
Margins Recommended area	Roll paper: Top: 20 mm, Bottom: 3 mm, Side: 3 mm Cut sheet: Top: 20 mm, Bottom: 20 mm, Side: 3 mm (Apple AirPrint : Top: 20 mm, Bottom: 31 mm, Side: 3 mm)
Margins Printable area	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: 12.7 mm, Side: 3 mm (Apple AirPrint : Top: 3mm, Bottom: 12.7mm, Side: 3mm)
Media Feed Capacity	Roll Paper: Two rolls. Automatic switching is possible. Cut Sheet: 1 sheet
Media Take-up roll unit	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 marzin tecnology, 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

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

Power Supply	AC 100-240V (50-60Hz)
Power Consumption	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
Operating Environment	Temperature: 15-30ºC, Humidity: 10-80% RH (no dew condensation)
Accoustic Noise (Power/Pressure)	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, Russia: EAC Other Countries : CB certfication
Enviroment Certificates	TUV, CB

WHAT'S INCLUDED

What's in the Box?	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
Software Included	imagePROGRAF TX Printer Driver and PosterArtist Lite Other software available as Download from Web.

OPTIONS

Optional Items	2/3" Roll Holder: RH2-34 Roll Unit : RU-32 Stacker : SS-31 IC Card Reader : RA-01

CONSUMABLES

User Replaceable Items	Ink Tank: PFI-110 (160ml), PFI-310 (330ml), PFI-710 (700ml) Print Head: PF-06 Cutter Blade: CT-07 Maintenance Cartridge: MC-30

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.

FINE
Full-photolithography Inkjet Nozzle Engineering

LUCIA TD ink

L-COA PRO

PosterArtist Lite