imagePROGRAF
TX-2100

Est. 1991
DESIGNSUPPLY
supporting creativity

FAST, CONTINUOUS PRINTING FROM A 24-INCH MULTIPURPOSE PRINTER WITH SMART SOFTWARE AND FLEXIBLE BORDERLESS PRINTING FEATURES

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

- **Fast printing**
  Increased print speeds and continuous printing for high-quality posters and CAD drawings
- **Superb quality**
  Canon's legacy inkjet technology achieves bold, vivid colours even on economical paper
- **High productivity**
  Innovative features such as hot swap ink tanks and an automatic media detecting system facilitate production workflows
- **Custom sizing**
  Free-size borderless printing supports all printing sizes for increased media flexibility and reduced post-production time
- **Space saving**
  A compact design and full front accessibility enables easy installation of large-format printers even in offices with limited space
- **Enhanced security**
  Improved security fulfils the industry standard requirement
- **Intuitive operation**
  A 4.3-inch LCD touchscreen indicates accurate media information at a glance
- **Weather resistant**
  Full pigment ink offers excellent weather resistance, while a water resistant media option boosts robustness

PRODUCT RANGE

imagePROGRAF TX-3100

imagePROGRAF TX-4100

imagePROGRAF TX-3100 MFP Z36

Canon

TECHNICAL SPECIFICATIONS

imagePROGRAF TX-2100

TECHNOLOGY	
Printer Type	5 Colour 24”
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)	0:21 (Fast Economy Mode) 0:22 (Fast) 0:35 (Standard)
Poster:	
Plain Paper (A1)	0:22 (Fast Economy Mode) 0:24 (Fast) 0:43 (Standard)
Heavy coated Paper (A1)	0:53 (Fast) 1:20 (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 - 610mm Cut sheet 152.4mm - 610mm
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), 10”, 14”, 17”, 24” [Printable] 257mm(JIS B4), 297mm(ISO A3), 329mm (ISO A3+), 420mm(ISO A2), 6”, 8”, 12”, 15”, 16”, 18”, 20”, 22”, 300mm, 500mm, 600mm and custom roll width (152.4 - 610mm) *”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 : A1 portrait, CAD drawing, Plain paper 20 sheets, Uncoated paper 100 sheets (excludes curled condition) Stacking position : 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)	1110 x 984 x 1168 mm (Basket Open) 1110 x 766 x 1168 mm (Basket Closed) 91 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): 1324 x 902 x 1055 mm 110 kg Roll Unit: 1244 x 562 x 461 mm 22 kg
POWER AND OPERATING REQUIREMENTS	
Power Supply	AC 100-240V (50-60Hz)
Power Consumption	Operation: 87 W or less Sleep mode: 2.0 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: 15-30°C, Humidity: 10-80% RH (no dew condensation)
Accoustic Noise (Power/Pressure)	Operation: 50 dB (A) (Plain paper, Standard mode, Line Drawing/Text mode) (Measured on ISO 7779 standard) Standby: 35 dB (A) or less Operation: 6.8 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: RH2-29 Printer Stand : SD-21 Roll Unit : RU-22 Stacker : SS-21 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

Some images are simulated for clarity of reproduction. All data is based on Canon's standard testing methods. This leaflet and the specifications of the product have been developed prior to the date of product launch. Final specifications are subject to change without notice.™ and ®: All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers in their markets and/or countries.

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

Canon

Est. 1991 DESIGNSUPPLY supporting creativity

E | sales@designsupply.com
T | 020 7842 1555 W | www.designsupply.com
Unit 2, Green Lane Business Centre, New Eltham, London, SE9 3TL