imagePROGRAF TX-3100 MFP Z36

A 36-INCH MULTIFUNCTION PRINTER WITH ADVANCED PRINT AND SCAN TECHNOLOGY FOR ACCELERATED PRODUCTIVITY

High-productive, multifunction large format inkjet printer for CAD production and poster, with improved usability and flexibility.

- **Faster printing**
  Increased print speed and continuous printing enhances productivity, up to 3.2ppm A1 CAD
- **Quality in print and scan**
  Class-leading inkjet and unique scanner technology assure high-quality printing and scanning
- **Accurate media handling**
  Added support for high-volume printing, with hassle-free media handling, automatic media switching for dual roll option
- **Security assured**
  Improved security features supporting the industry requirement
- **Improved usability**
  Redesigned UI and control panel ensure intuitive user experience in operation
- **Effortless creation**
  Updated software solutions assist efficient poster design and high-volume printing of drawings
- **Weather resistance**
  Full pigment LUCIA TD ink provides greater durability with the water resistant media option

PRODUCT RANGE

imagePROGRAF TX-4100 MFP Z36

imagePROGRAF TX-3100

imagePROGRAF TX-4100

Canon

TECHNICAL SPECIFICATIONS

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SCANNER TECHNOLOGY

Scan technology	SingleSensor
Optical Resolution (dpi)	1200dpi
Paper path	Flat
Scan width	36" (914mm)
Min. scan width	6" (150mm)
Document width	38" (965mm)
Max. scan length	8m (JPEG/PDF), 15.2m (TIFF)
Weight of scanner	7.8Kg
Dimensions W x D x L	1056 x 199 x 118mm
Compliances	Europe: CE mark Other Countries : CB certfication
Front/rear exit	Rear (front eject via Document Return Guide)
Document handling - Face up/ down	Up
Document thickness [1]	0.07 – 1.0mm
Scan speed 8-bit grayscale & mono @200dpi [2]	13ips
Scan to PC: Scan speed 24-bit color @200dpi [2]	3ips
Copy: Scan speed 24-bit color @200dpi [2]	6ips
Interface USB	3.0 (backward compatible to USB2)
Scanner controls	Stop, Advance, Rewind, LED status
Branding/Colour	None / Canon black
Software Included	SmartWorks MFP V6
What's in the box?	Z36 scanner Suspension mount for printer and system controller mount 2 paper edge guides 3 Document return guides Calibration target Assembly & Start Up Guide USB3 cable (2 meter) Power Supply 15.6" system controller 3:1 Trident power cord - requires 1 local mains cable (not included).
System controller	Windows 10 Enterprise LTSC 64 bit. CPU: Intel Pentium G5400T. SSD: 256GB, RAM: 8GB DDR4. Display: Multi touch 15.6", 1366 x 768. 3 x USB3 & 1 x USB2, 1 x GbE (rear). Power button and 1 x USB3 (Front).

PRINTER 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 (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 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
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: 20 mm, Side: 3 mm
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 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)	imagePROGRAF TX-3100 MFP Z36 1469 x 984 x 1473 mm (Basket Open, Scanner Upper Position) 1469 x 766 x 1422 mm (Basket Closed, Scanner Lower Position) 129 kg (including Roll Holder Set and Roll unit, Scanner, Suspension mount, System controller, excluding ink and print heads)

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

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

DISCLAIMER

1 Thicker documents must be flexible and the paper return guides removed and may require additional support. Some media should be scanned at reduced speeds. It is not possible to guarantee to be able to scan all media types and sizes.

2 The scan rate is proportional across the full range of resolutions supported by the scanner. Actual scan times and quoted top speeds will depend on the host performance and are not guaranteed for all media types. Scan times quoted are the maximum for true 200 x 200dpi image capture.Max scan speed for RGB: Copying at 200/300/600dpi = 6/4/2ips. Scanning at 200/300/600dpi = 3/2/2ips.Max scan speed for B&W: Copying at 200/300/600dpi = 13/8.6/4.3ips. Scanning at 200/300/600dpi = 13/8.6/4.3ips.

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

L-COA

LUCIA TD ink

PosterArtist Lite

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English edition

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