

# 36-INCH LARGE FORMAT MULTIFUNCTION PRINTER WITH MORE INTEGRATED DESIGN, PROVIDING ADVANCED USABILITY AND QUALITY



- **Quick print**  
Boost your productivity by printing up to 144pph (A1) with a 6-channel, 1.07-inch print head
- **Upgraded workflow**  
The latest SmartWorks scanning software streamlines usability with intuitive operation and centralised device management
- **Accurate scan and precise print**  
Colortrac SmartSensor technology and LUCIA TD ink deliver high quality in both scanning and printing
- **Direct print from HDD or USB memory**  
Reprint from HDD, and direct file print from USB memory including PDF
- **Efficient document handling**  
Media loading, ink tank swapping and document scanning are even easier with the integrated MFP
- **Intuitive 15.6-inch touchscreen**  
Effortlessly preview and edit scans with the simple 15.6-inch touchscreen display
- **Low key**  
Enjoy 60% less noisy printing from dampened fans, smoother cutting and reduced vibrations

Mid-range multifunction printer, for smaller office users who print a wide range of items with lower monthly production volumes.



## PRODUCT RANGE



imagePROGRAF TM-300 MFP Z36



imagePROGRAF TM-300 MFP L36ei



imagePROGRAF TM-305

# TECHNICAL SPECIFICATIONS

# imagePROGRAF<sup>®</sup> TM-300\TM-305 MFP Z36

## SCANNER TECHNOLOGY

	TM-300 MFP Z36	TM-305 MFP Z36
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	
Dimension (W x D x L)	1056 x 199 x 118mm 1056 x 251 x 156mm with Doc return guide	
Compliances	Europe : CE mark, Russia : EAC, Other countries : CB Certification	
Front/rear exit	Rear (front eject via Document Return Guide)	
Document Handling - Face up/down	Up	
Document thickness <sup>(1)</sup>	0.07 - 1.0mm	
Scan speed 8-bit grayscale & mono @200dpi <sup>(2)</sup>	13ips	
Scan to PC: Scan speed 24-bit color @200dpi <sup>(2)</sup>	3ips	
Copy: Scan speed 24-bit color @200dpi <sup>(2)</sup>	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"/914mm	
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	15,360 nozzles (MBK 5,120 nozzles, Other Colours 2,560 nozzles each)	
Line Accuracy	±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	
Nozzle Pitch	1,200 dpi (2 lines)	
Ink Droplet Size	minimum 5 pl per colour	
Ink Capacity	Sales Ink: 130ml/300ml Bundled Starter Ink: 130ml (Matte Black)/90ml (Black, Cyan, Magenta, Yellow)	
Ink Type	Pigment inks - Black, Matte Black, Cyan, Magenta, Yellow	
OS Compatability	Microsoft Windows 32 Bit: Windows 7, 8.1, 10, 64 Bit: Windows 7, 8.1, 10, Server 2008R2, Server 2012/2012R2, Server 2016 Apple Macintosh: OS X 10.10.5 - OS X 10.11, macOS 10.13	
Printer Languages	SG Raster (Swift Graphic Raster), HP-GL/2, HP RTL, JPEG (Ver. JFIF 1.02)	SG Raster (Swift Graphic Raster), HP-GL/2, HP RTL, PDF (Ver.1.7), JPEG (Ver. JFIF 1.02)
Standard Interfaces	USB A Port: USB Memory Direct Print Ethernet: IEEE 802.3 10-base-T/IEEE 802.3u 100base-TX/IEEE 802.3ab 1000base-T/IEEE 802.3x Full Duplex Wireless LAN: IEEE802.11n/IEEE802.11g/IEEE802.11b	
MEMORY		
Standard memory	2GB	128GB with 2GB Physical Memory
Hard Drive	N/A	500GB

## PRINTING SPEED

CAD Drawing:	
Plain Paper (A0 Roll)	0:40 (Fast Economy Mode) 0:46 (Fast) 1:14 (Standard)
Poster:	
Plain Paper (A0 Roll)	0:44 (Fast) 1:18 (Standard)
Heavy Coated Paper (A0 Roll)	1:41 (Fast) 2:36 (Standard)

## MEDIA HANDLING

Media Feed and Output	Roll paper: One Roll, Upper-loading, Front Output Cut sheet: Upper-loading, Front Output (Manual feed using media locking lever)
Media Width	Roll paper: 203.2 - 917 mm Cut sheet: 203.2 - 917 mm
Media Thickness	Roll/Cut: 0.07 - 0.8 mm
Minimum Printable Length	Roll paper: 203.2 mm Cut sheet: 279.4 mm
Maximum Printable Length	Roll paper: 18 m (Varies according to the OS and application) Cut sheet: 1.6 m
Maximum Media Roll Diameter	150 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 for Apple AirPrint Only: Top: 3 mm, Bottom: 12.7 mm, Side: 3 mm Cut sheet for thers: Top: 3 mm, Bottom: 20 mm, Side: 3 mm
Media Feed Capacity	Manually switchable by user
Borderless Printing Width (Roll Only)	515mm (JIS B2), 728mm (BIS B1), 594mm (ISO A1), 841mm (ISO A0), 10", 14", 17", 24", 36" [Printable] 257mm (JIS B4), 297mm (ISO A3), 329mm (ISO A3+), 420mm (ISO A2), 8", 12", 16", 20", 30", 300mm, 500mm, 600mm, 800mm
Maximum number of delivered prints	SD-32 Stand/Basket - Standard position: 1 sheet SD-32 Stand/Basket - Flat position: 20 sheets on A1, A2 landscape <sup>(3)</sup>

## WHAT'S INCLUDED

What's in the Box?	Printer, printer stand: SD-32, 1 x print head, 3-inch paper core attachment, Power Cable, UK Power cord (240V,3P), 1 set of starter ink tanks, Set up guide, Safety/Standard Environment leaflet User software CD-ROM (Win) PosterArtist Lite CD-ROM, EU Biocide Sheet, Eurasian Economic Union Sheet, Important Information Sheet
Software Included	imagePROGRAF TM-Series Printer Driver, Print Plug-In for Office, Quick Utility Toolbox and PosterArtist Lite Other software available as Download from Web.

## OPTIONS

Optional Items	2/3" Roll Holder: RH2-35 Keyboard Tray
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## CONSUMABLES

User Replaceable Items	Ink Tank: PFI-120 (130ml), PFI-320 (300ml) Print Head: PF-06 Cutter Blade: CT-08 Maintenance Cartridge: MC-31
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## DISCLAIMER

- 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.
- 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.
- Excludes strong curling conditions
- Scanner is manufactured by UK based company, Global Scanning

## Notes & Recommendations

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