imagePROGRAF TA-20

COMPACT AND INTUITIVE DEVICE FOR HIGH PRINT QUALITY

A versatile and compact multi-purpose printer designed for schools, offices and retail with low volume print jobs.

- **High Print Quality**
  Innovative imaging technology delivers precise printing, with powerful colour from LUCIA TD ink

- **Quiet and compact**
  Seamlessly fits into any office, with reduced operation noise and full front accessibility

- **Accurate ink placement**
  Print sharp lines with an innovative Air Feeding System that keeps paper flat for high accuracy

- **Strengthened security**
  Security requirements and settings for secure communication, secure management and secure interface

- **Ease of use**
  3'' inch color LCD touchscreen panel with ample icons for immediate access

PRODUCT RANGE

imagePROGRAF TA-30

imagePROGRAF TA-20

imagePROGRAF TM-200

TECHNICAL SPECIFICATIONS

imagePROGRAF TA-20

TECHNOLOGY

Printer Type	5 colors 24"/610mm
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 Colors 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	1,200dpi (2 lines)
Ink Droplet Size	minimum 5 pl per colour
Ink Capacity	Sales Ink: 55ml Bundled Starter Ink: 55ml (2 x MBK, 1 x BK,C,M,Y)
Ink Type	Pigment inks - Matte Black, Black, Cyan, Magenta, Yellow
OS Compatability	Microsoft Windows 32 Bit: Vista, 7, 8, 8.1, 10 Microsoft Windows 64 Bit: Windows 7, 8.1, 10, Windows Server 2008R2, Windows Server 2012/2012R2, Windows Server 2016, Windows Server 2019 Apple Macintosh: OS X 10.10.5-OS X 10.11, macOS 10.12- macOS 10.15
Printer Languages	SG Raster (Swift Graphic Raster),HP-GL/2, HP RTL, JPEG (Ver. JFIF1.02)
Standard Interfaces	USB B Port: Hi-Speed Ethernet: IEEE 802.3 10base- T/IEEE 802.3u 100base-TX/ IEEE 802.3ab 1000base-T/IEEE 802.3x Full Duplex Wireless LAN: IEEE802.11n/IEEE802.11g/IEEE802.11b * Please refer to user manual how to activate /deactivate the wireless LAN

MEMORY

Standard memory	2 GB
Hard Drive	NO

PRINT TIME FOR A1 PAGE SIZE

Media Type	Print Mode	Print Time
CAD Drawing		
Plain Paper (A1 size Portrait)	Fast Standard	00:32 min 00:56 min
Poster	Print Mode	Print Time
Plain Paper (A1 size Portrait)	Fast Standard	00:30 min 00:49 min
Heavy Coated Paper (A1 paper size)	Print Mode Fast Standard	Print Time 00:58 min 01:46 min

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 -610 mm Cut sheet: 210 - 431.8 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: 594mm
Maximum Media Roll Diameter	150 mm or less
Media Core Size	Internal diameter of roll core: 2"/3"(option)
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: 20 mm, Bottom: 0 mm, Side: 0 mm Cut sheet: Top: 3 mm, Bottom: 20 mm, Side: 3 mm
Media Feed Capacity	Manually switchable by user
Media Take-up roll unit	N/A
Borderless Printing Width (Roll Only)	(Printable) 203.2-610mm *Roll paper only * No size restriction
Maximum number of delivered prints	Standard position: 1 sheet

DIMENSIONS AND WEIGHT

Physical Dimensions WxDxH (mm) and Weight (Kg)	982 x 748 x 438 mm 37 kg (including Roll Holder Set, excluding ink and print head)
Packaged Dimensions WxDxH (mm) and Weight (Kg)	Printer (Main unit with pallet) 1147 x 874 x 542 mm 49 kg

POWER AND OPERATING REQUIREMENTS

Power Supply	AC 100-240V (50-60Hz)
Power Consumption	Operation: 52 W or less Sleep mode: 3.6W or less Default setting for the time to enter the Sleep mode: approx. 5 mins 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: 42 dB (A) (Plain paper, line drawing, standard mode) Standby: 35 dB (A) or less Operation: 5.8 Bels (Plain paper, line drawing, standard mode) (Measured on ISO 7779 standard and described based on ISO9296 standard)
Regulations	Europe: CE mark, Russia: EAC,
Certificates	TUV, CB

WHAT'S INCLUDED

What's in the Box?	Printer, 1 print head, Power Cabel, 1 set of starter ink tanks, Set up guide, Quick Guide, Safety/Standard Environment leaflet, User Software CD-ROM (Win), EU Biocide Sheet, Eurasian Economic Union Sheet, Important Information Sheet
Software Included	imagePROGRAF TA- Unified Printer Driver, Other software available as Download from Web.

OPTIONS

Optional Items	2/3" Roll Holder: RH2-28

CONSUMABLES

User Replaceable Items	Ink Tank: PFI-030 (55ml) Print Head: PF-06 Cutter Blade: CT-08 Maintenance Cartridge: MC-31

FINE
Full-photolithography Inkjet Nozzle Engineering

LUCIA TD
ink

L-COA

PosterArtist Lite