

## Specifications for imagePROGRAF iPF831



<b>Technology</b>	
Printer Type	5 Color - 44"
Number of Nozzles	15,360 nozzles (5,120 nozzles for MBK, 2,560 nozzles for BK, C, M, Y) 1 print head
Print Resolution	2400 x 1200dpi
Nozzle Pitch	1200dpi x 2 rows
Line Accuracy	±0.1% or less
Ink Droplet Size	4 Picoliter
Ink Capacity	330ml or 700ml Bundled starter ink: 330ml
Ink Type	Dye / Pigment Reactive ink - 5 colors Dye: C, M, Y, BK Pigment: MBK
OS Compatibility	Windows 32 bit – XP, Vista, 7, 8, 8.1, Server 2003 / 2003R2,

	Server 2008 Windows 64 bit – Vista, 7, 8, 8.1, Server 2003 / 2003R2, Server 2008 / 2008R2, Server 2012 / 2012R2 Mac: OSX – 10.6.8 - 10.10.x	
Printer Language	GARO (Graphic Arts language with Raster Operations), HP-GL/2, HP RTL	
Standard Interfaces (Built-in)	Hi-Speed USB Ethernet 10 / 100 / 1000 Base-T/TX	
<b>Printing Speed</b>		
A0 size, Plain Paper (CAD Drawing)	Fast Economy Mode:	42secs.
	Fast Mode:	45secs.
	Standard Mode:	1min 12secs.
A0 size, Coated Paper (Poster)	Fast Mode	1min 12secs.
	Standard Mode	2min 19secs.
	High Quality Mode	3min 37secs.
<b>Memory</b>		
Buffer RAM	32GB	
Hard Disk	320GB	
<b>Media Handling</b>		
Media Width	Roll Paper:	254 - 1118mm
	Cut Sheet:	203.2 - 1118mm
Media Thickness	Roll Paper:	0.07 - 0.8mm
	Cut Sheet:	0.07 - 0.8mm
Maximum Printable Length	Roll Paper:	18m (varies according to the OS and application)
	Cut Sheet:	1.6m
Maximum Media Roll Outer Diameter	150mm	
Paper Feed Method	Roll Paper:	One Roll, Front Loading, Front Output
	Cut Sheet:	Manual Feed: Front Loading, Front Output
Borderless Printing Width (Roll Paper only)	10" (254 mm), 14" (356 mm), 17" (432 mm), B2 (515 mm), A1 (594 mm), 24" (610 mm), A0 (841mm), 36" (914mm), B0 (1,030mm), 42" (1,066mm)	

<b>Dimensions and Weight</b>		
Physical Dimensions (W x D x H)	Main unit with printer stand and basket open:	1893 x 975 x 1144mm
Weight (Main unit)	138kg	
<b>Power And Operating Requirements</b>		
Power Supply	AC 100 - 240V (50 - 60Hz)	
Power Consumption	Operation:	190W or less
	Power off (Standby):	0.5W or less
Operating Environment	Temperature:	15 - 30°C
	Humidity:	10 - 80% (Condensation-free)
Noise Level (Approx.)	Operation:	52dB or less
	Standby:	35dB or less
	Accoustic Power:	6.8Bels or less
<b>Options</b>		
Roll Holder Set	RH2-44	
Media Basket	BU-03	
Roll Holder Set	TU-06 (Note: TU-06 cannot be used with BU-03 at the same time)	



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