### iPF650
Demonstrated ability for high-definition CAD and presentation. A multi-use model that supports A1 sizes.

### iPF750
High quality and high speed for CAD, GIS, and 3D paths. An A0-size model that supports the specific needs of design operations.

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#### 24” 5 COLORS

<table>
<thead>
<tr>
<th>Size</th>
<th>Paper</th>
<th>Mode</th>
<th>Print Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>Flat paper</td>
<td>Draft</td>
<td>Approx. 25 min.</td>
</tr>
<tr>
<td>A1XX</td>
<td>Flat paper</td>
<td>Draft</td>
<td>Approx. 30 min.</td>
</tr>
</tbody>
</table>

- FINE Technology
- Maximum resolution: 2400 x 1200 dpi
- Anti-bleed ink system
- 130ml ink tank
- Roll paper: standard
- HP-GL2 and HP RTL support
- Large LCD screen
- Memory: 256MB
- Software: Pantone 5.2.1
- Optional: EE-10B

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#### 36” 5 COLORS

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</thead>
<tbody>
<tr>
<td>A0</td>
<td>Flat paper</td>
<td>Draft</td>
<td>Approx. 46 min.</td>
</tr>
<tr>
<td>A0XX</td>
<td>Flat paper</td>
<td>Draft</td>
<td>Approx. 48 min.</td>
</tr>
</tbody>
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- Maximum resolution: 2400 x 1200 dpi
- Anti-bleed ink system
- 130ml ink tank
- Roll paper: standard
- HP-GL2 and HP RTL support
- Large LCD screen
- Memory: 256MB
- Software: Pantone 5.2.1
- Optional: EE-10B
A “FINE” high density print head technology born out of advanced semiconductor manufacturing technology.
Achieves a maximum 2400X1200dpi high resolution by being able to express ink droplets that are a miniscule
4 pl (4 billionths of a litre). You get letter quality output with no graininess.

Combining clear letters and lines and vivid colors

Black lines and letters can be presented clearly with minimal blurring due to the reaction (reactive) of the
pigment “matte black ink” and the dye color inks. This supports a variety of applications from CAD/GIS to
the office with the ability to perform the optimum image handling for each individual object of a business
document or poster comprised of text, lines, graphs, drawings and pictures.

5 color - color dye and pigment reactive ink

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document or poster comprised of text, lines, graphs, drawings and pictures.

Technology that reveals the beauty

High quality from the maximum 2400X1200dpi high resolution

“FINE” high density print head technology

Permanent self-propelled double rotary cutter

Features a slide-in loading system in which paper rolls are first placed on top of the printer, then slide in
along guide rails. Rolls are loaded at a point easily accessible from the front of the printer for easy loading
from a natural posture.

Easy slide-in roll paper loading

High-producitivity for large volume printing

The “L-COA” image processor

The printer takes advantage of the equipped “L-COA” image processor to provide
high speed and high precision image processing and printer control. High resolution
and high speed printing is possible, thanks to the advanced accuracy of the image
processor and the high density print head technology “FINE”.

Advanced technology allows faster output

Outstanding ease-of-operation

Fully front-accessible operations for improved ease of use

Models feature fully front-accessible operations to allow ink replacement, paper loading, and even paper
jam clearing to be performed easily from the front. Eliminates the need for rear access, allowing the printer
to be installed flush against the wall and offering space savings above and beyond its compact dimensions.

Higher throughput

The carriage on which the printhead is mounted and the paper feed mechanism both feature a faster drive
for high-speed printing. One A1-size sheet takes approximately 29 seconds*, while three sheets takes
approximately 1 minute and 54 seconds*.

*Using plain paper in Draft mode. Includes paper media cutting times. For iPF610, one sheet takes approximately
33 seconds; three sheets takes approximately 2 minutes and 13 seconds.
Includes color settings for CAD drawings

Capable of producing output with colors similar to previous imagePROGRAF Series or other CAD inkjet printers, ensuring efficient job output even when used alongside or in place of other printers.

Highly accurate line drawings and text printing using imagePROGRAF printer driver 2009

The imagePROGRAF printer driver 2009 includes two dedicated CAD setting modes to ensure optimum printing of CAD drawings: CAD (Color Line Drawing) and CAD (Monochrome Line Drawing). Likewise, the 1,200 dpi rendering mode and distance accuracy of ±0.1% enables high precision of lines, down to a minimum width of 0.02 mm². This makes possible the fine line drawing and text printing demanded for CAD output, producing smoother straight and curved lines and text that remains crisp even at small sizes.

*1: User adjustments necessary. Printing environment and media to be printed must match that used for the adjustments.

*2: Theoretical value. Results may vary according to data resolution.

Economy printing mode

Includes an Economy printing mode* using approximately half the ink used for Draft mode, useful for checking layouts, etc.

* Using plain paper, tracing paper, or translucent matte film only. May not be available for certain print quality settings.
TECHNOLOGY

Powerful support for CAD output

Includes the imagePROGRAF HDI driver, a dedicated printer driver for AutoCAD

Comes with a dedicated imagePROGRAF HDI driver for the industry-standard Autodesk AutoCAD used in architecture and design. Users accustomed to printing using HDI/ADI drivers will find print work operations unchanged when using the imagePROGRAF HDI driver.

Supports HP-GL/2 and HP RTL

Supports the HP-GL/2 and HP RTL page description languages used for CAD applications, enabling use with a wide range of CAD applications.

HP-GL/2 pen palette settings

The HP-GL/2 functions have been expanded to include pen settings on the printer operation panel allowing changes in pen line width, color, and intersection shape.

Incorporates Nesting*1 and Auto Rotation*2

The following two functions are included to ensure efficient use of output paper. Nesting*1 allowing printing with minimal paper by efficiently arranging drawing data of various sizes on the roll paper. Auto Rotation*2 to automatically rotate drawing data to suit the output paper width and minimize wasted space when printing.

*1: HP-GL/2 and HP RTL data only
*2: HP-GL/2 data only

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**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Specification</th>
<th>iPF650</th>
<th>iPF750</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>External Dimensions</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>W x D x H (mm), Weight (kg)</td>
<td>203.2 x 8 x 256 (10&quot;) - 609.6 (24&quot;) mm, 43.4 kg</td>
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</tr>
<tr>
<td><strong>Printable area</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roll paper</td>
<td>Left: 3 mm, Right: 3 mm, Top: 3 mm, Bottom: 3 mm</td>
<td>Left: 0 mm, Right: 0 mm, Top: 0 mm, Bottom: 0 mm</td>
</tr>
<tr>
<td>Cut sheet</td>
<td>Left: 5 mm, Right: 5 mm, Top: 20 mm, Bottom: 23 mm</td>
<td></td>
</tr>
<tr>
<td><strong>Power Off (Standby)</strong></td>
<td>1 W or less (In compliance with Executive Order of the President of the United States of America)</td>
<td></td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operation</td>
<td>140 W or less</td>
<td></td>
</tr>
<tr>
<td>Standby</td>
<td>35 dB (A) or less</td>
<td></td>
</tr>
<tr>
<td><strong>Protocol</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IPX/SPX (Netware 4.2(J), 5.1(J), 6.0(J))</td>
<td></td>
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<td><strong>Media Core Size</strong></td>
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<tr>
<td><strong>Transmission</strong></td>
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<tr>
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<td>Standard IEEE 802.3 10base-T</td>
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**SUPPORTED MEDIA**

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<tr>
<th>Media Type</th>
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<th>Cut sheet</th>
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<tbody>
<tr>
<td>Width</td>
<td>Roll paper</td>
<td>Cut sheet</td>
</tr>
<tr>
<td>ISO - A3, A2, A2+, A1</td>
<td>432 mm, 487.7 mm, 594 mm, 841 mm</td>
<td>210 mm, 297 mm, 420 mm, 594 mm</td>
</tr>
<tr>
<td>JIS - B4, B2</td>
<td>731.3 mm, 841 mm</td>
<td>210 mm, 297 mm, 420 mm, 594 mm</td>
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<td>ARCH - 24&quot;</td>
<td>610 mm</td>
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**AC Power Supply Input Power**

- 100 - 240 V (50-60 Hz) 1.5 W or less (In compliance with Executive Order of the President of the United States of America) 220 V - 240 V 6 W or less 100 V - 120V 5 W or less

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**Optional Accessories**

- Printer Stand/Basket: 1,400 (W) x 780 (D) x 240 (H) mm, Weight: approx. 17.1 kg (Printer Stand/Basket)
- Basket: Open: 254 (10") - 609.6 (24") mm, 254 (10") - 914.4 (36") mm, 256 MB

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**Delivery Direction**

- Face-up, front side
- Top-feeding, front output (Manual feed using media locking lever)

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**Paper Path Switch (Roll/cut sheet)**

- Manually switchable by user

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**Protocol**

- IPX/SPX (Netware 4.2(J), 5.1(J), 6.0(J))
- SNMP (Canon-MIB supported), HTTP, TCP/IP (IPv4/IPv6), AppleTalk
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