

# LARGE SCALE VISIONARY

*The 5-Color Series Large Format Printers*



iPF510

iPF605

iPF750

iPF650

iPF760

iPF765

iPF815

iPF825

Business *Can* be simple

imagePROGRAF

iPF510



\*picture equipped with optional automatic roll paper cutter

17"

| Size   | Paper                  | Mode            | Print Speed        |
|--------|------------------------|-----------------|--------------------|
| A2     | Plain paper / Cassette | Draft (300 dpi) | Approx. 15 seconds |
| A2 CAD | Plain / Roll paper     | Draft (600 dpi) | Approx. 21 seconds |

Ease of Use

|                |   |                         |
|----------------|---|-------------------------|
| 130ml Ink Tank | Roll paper/cassette*<br>Automatic switching | HP-GL/2, HP RTL support |
|----------------|---|-------------------------|

\*1 Optional

Specifications

- » Dye pigment reactive ink
- » Max Resolution 2400x1200dpi
- » Memory 192MB
- » Standard Interface: Network/USB 2.0
- » Optional Interface: IEEE1394

iPF605



\*picture equipped with optional stand

24"

| Size   | Paper              | Mode            | Print Speed        |
|--------|--------------------|-----------------|--------------------|
| A1     | Plain / Roll paper | Draft (300 dpi) | Approx. 31 seconds |
| A1 CAD | Plain / Roll paper | Draft (600 dpi) | Approx. 33 seconds |

Ease of Use

|                |            |                         |
|----------------|------------|-------------------------|
| 130ml Ink Tank | Roll Paper | HP-GL/2, HP RTL support |
|----------------|------------|-------------------------|

Specifications

- » Dye pigment reactive ink
- » Max Resolution 2400x1200dpi
- » Memory 256MB
- » Standard Interface: Network/USB 2.0
- » Optional Interface: IEEE 1394

iPF750



36"

| Size   | Paper       | Mode            | Print Speed        |
|--------|-------------|-----------------|--------------------|
| A0     | Plain paper | Draft (300 dpi) | Approx. 46 seconds |
| A0 CAD | Plain paper | Draft (600 dpi) | Approx. 48 seconds |

Ease of Use

|                |            |                         |                          |
|----------------|------------|-------------------------|--------------------------|
| 130ml Ink Tank | Roll Paper | HP-GL/2, HP RTL support | Gigabit Ethernet support |
|----------------|------------|-------------------------|--------------------------|

Specifications

- » Dye pigment reactive ink (New Magenta)
- » Max Resolution 2400x1200dpi
- » Memory 256MB
- » Standard Interface: Network/USB 2.0

iPF650



24"

| Size   | Paper       | Mode            | Print Speed        |
|--------|-------------|-----------------|--------------------|
| A1     | Plain paper | Draft (300 dpi) | Approx. 28 seconds |
| A1 CAD | Plain paper | Draft (600 dpi) | Approx. 30 seconds |

Ease of Use

|                |            |                         |                          |
|----------------|------------|-------------------------|--------------------------|
| 130ml Ink Tank | Roll Paper | HP-GL/2, HP RTL support | Gigabit Ethernet support |
|----------------|------------|-------------------------|--------------------------|

Specifications

- » Dye pigment reactive ink (New Magenta)
- » Max Resolution 2400x1200dpi
- » Memory 256MB
- » Standard Interface: Network/USB 2.0

iPF760



36"

| Size   | Paper       | Mode            | Print Speed        |
|--------|-------------|-----------------|--------------------|
| A0     | Plain paper | Draft (300 dpi) | Approx. 46 seconds |
| A0 CAD | Plain paper | Draft (600 dpi) | Approx. 48 seconds |

Ease of Use

|                |            |                         |
|----------------|------------|-------------------------|
| 130ml Ink Tank | Roll Paper | HP-GL/2, HP RTL support |
|----------------|------------|-------------------------|

|                          |                             |
|--------------------------|-----------------------------|
| Gigabit Ethernet support | Max Length Print (RIP) 175M |
|--------------------------|-----------------------------|

Specifications

- Dye pigment reactive ink (New Magenta)
- Max Resolution 2400x1200dpi
- Memory 256MB
- Standard Interface: Network/USB 2.0

iPF765



36"

| Size   | Paper       | Mode            | Print Speed        |
|--------|-------------|-----------------|--------------------|
| A0     | Plain paper | Draft (300 dpi) | Approx. 46 seconds |
| A0 CAD | Plain paper | Draft (600 dpi) | Approx. 48 seconds |

Ease of Use

|                |            |                         |
|----------------|------------|-------------------------|
| 130ml Ink Tank | Roll Paper | HP-GL/2, HP RTL support |
|----------------|------------|-------------------------|

|                          |           |                             |
|--------------------------|-----------|-----------------------------|
| Gigabit Ethernet support | 250GB HDD | Max Length Print (RIP) 175M |
|--------------------------|-----------|-----------------------------|

Specifications

- » Dye pigment reactive ink (New Magenta)
- » Max Resolution 2400x1200dpi
- » Memory 32GB (Physical DRAM: 256MB)
- » Standard Interface: Network/USB 2.0

iPF815

iPF825



44"

| Size   | Paper       | Mode            | Print Speed        |
|--------|-------------|-----------------|--------------------|
| A0     | Plain paper | Draft (300 dpi) | Approx. 53 seconds |
| A0 CAD | Plain paper | Draft (600 dpi) | Approx. 45 seconds |

Ease of Use

|                        |            |                         |           |
|------------------------|------------|-------------------------|-----------|
| 330ml / 700ml Ink Tank | Roll Paper | HP-GL/2, HP RTL support | 160GB HDD |
|------------------------|------------|-------------------------|-----------|

Specifications

- » Dye pigment reactive ink
- » Max Resolution 2400x1200dpi
- » Memory 32GB (Physical DRAM: 384MB)
- » Standard Interface: Network/USB 2.0



## ENABLING THE HIGH SPEED PRODUCTION OF HIGH DEFINITION EXTRA LARGE POSTERS AND MAPS

The technology found in Canon inkjet printers is changing the large-format printing world. FINE print head technology has led to the development of wide print heads that provide high definition, high speed printing on large-scale media. Large-format inkjet printing offers a wide range of applications, including artwork to adorn walls, architectural CAD, and cultural projects.

### OVERVIEW OF LARGE-FORMAT INKJET PRINTERS

Using the same principle as a conventional inkjet printer, a heater causes bubbles to form in the ink, ejecting microscopic ink droplets to print on large-format media.

#### High-Capacity HDD

Temporarily stores print data from a computer. In addition to reducing the time required from issuing print instructions to the completion of output, it enables the printing of the necessary number of copies without using a computer

#### L-COA

An image processor that processes large volumes of image data and creates print data (Located on the printed circuit board)

#### Multiple Sensors

Adjust the head position, detect paper width, and automatically calibrate colors

#### High-Capacity Ink Tanks

Between 5 and 12 individual color ink tanks supply ink to the print head via tubes

- LUCIA/LUCIA EX
- Reactive Ink Technology

#### Sub Ink Tanks

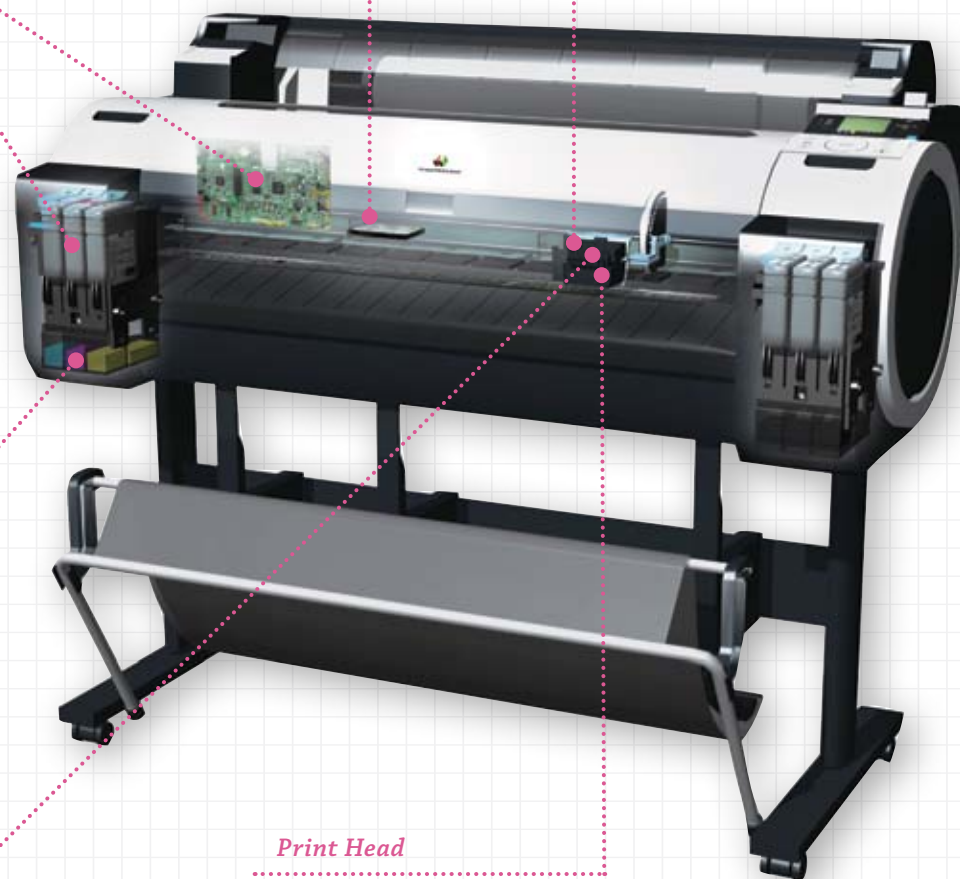
Buffer ink tanks located inside the printer itself for storing a certain amount of ink. This enables the replacement of ink tanks without needing to stop printing

#### Carriage

Transports the print heads horizontally. Incorporates a sensor to read print results and a cutter in addition to the print heads

#### Print Head

This one-inch-wide (2.54 cm) head can print six colors. There are 1,280 nozzles per inch (one row) and two rows for each color



## TECHNOLOGY THAT REVEALS TRUE BEAUTY

High quality from maximum 2400 x 1200dpi high resolution

### "FINE" HIGH DENSITY PRINT HEAD TECHNOLOGY

A "FINE" high density print head technology born out of advanced semiconductor manufacturing technology. Achieves a maximum 2400 x 1200dpi high resolution by being able to express ink droplets that are a miniscule 4 pl (billionths of a litre). You get a letter quality output with no graininess.

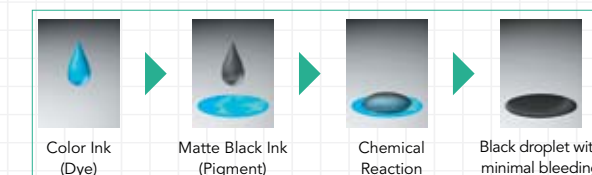


Combining clear letters and lines and vivid colors

### 5 COLOR DYE AND PIGMENT INKS FOR HIGH-DEFINITION CAD PRINTING

Printing architectural drawings and design plans requires accurate printing of fine lines. Canon-developed reactive ink technology exploits the reaction between CMYK dye inks and pigment-based matte black ink to prevent blurring along the edges of text characters and lines.

#### REACTIVE INK TECHNOLOGY

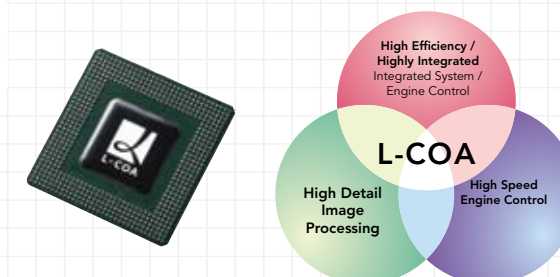


## ADVANCED TECHNOLOGY ENABLES FASTER OUTPUT

With the intelligence to rapidly handle large volumes of image data

### THE "L-COA" IMAGE PROCESSOR

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

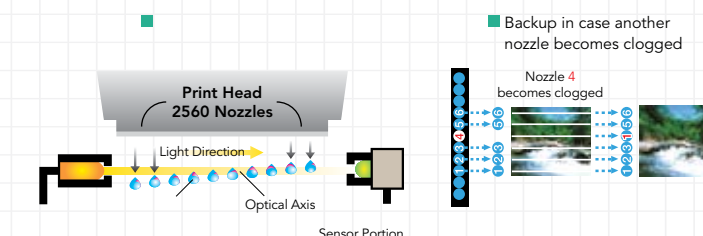


## EASY USE WITH FUNCTIONS AND STYLE THAT SUPPORT EFFICIENCY

Maintains high resolution and reduces misprints

### NOZZLE CALIBRATION SYSTEM

When a nozzle in the print head becomes clogged, it will be checked by a sensor and automatic cleaning will start. It is equipped with a function where another nozzle can cover for the clogged nozzle if it is not fixed by cleaning. This not only reduces misprints, but improves the durability of the print head. This makes it possible to maintain the high resolution.



Prevent running out of paper in middle of a print job

### ROLL PAPER REMAINING MANAGEMENT FUNCTION

A counter in the printer calculates the amount of paper used from the roll and detects the amount of paper remaining. It can provide a warning if the remaining paper is insufficient for the output data to prevent running out of paper in the middle of a job. Also, it can print a paper information bar code, the value of the paper remaining on the roll and the type of paper on the end of the roll when you change out a roll paper.



Eliminating miss prints due to the ink running out

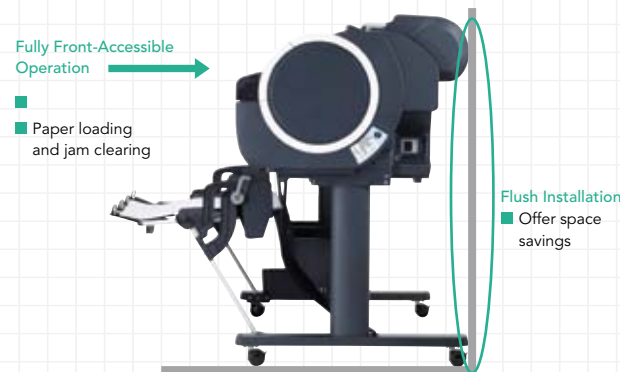
### FUNCTION TO MONITOR THE REMAINING INK LEVELS

There is a display that shows the amount of ink remaining and there is a warning when the ink gets low. Also, the amount of ink remaining is saved on a smart chip on the ink tanks. The remaining ink volume detection will continue even if the partially used ink tank is removed and reset. In addition, there is an LED that provides warning of an equipment error or that the ink is out which increases the convenience.



## FULLY FRONT ACCESSIBLE OPERATIONS

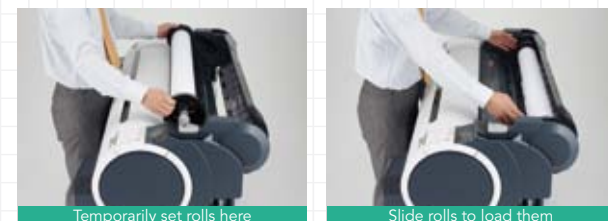
suitable for iPF650/750/760/765



## EASY SLIDE-IN ROLL PAPER LOADING

suitable for iPF650/750/760/765

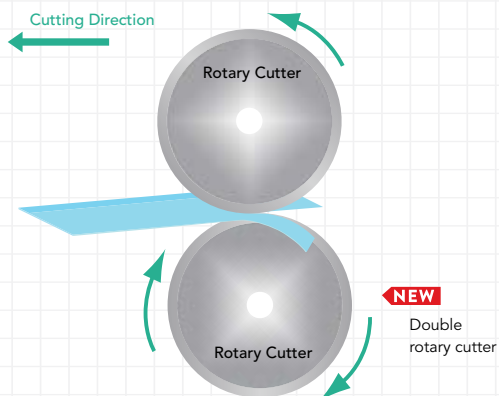
Features a slide-in loading system in which paper rolls are first placed on top of the printer, then slide in along guide rails. Rolls are loaded at a point easily accessible from the front of the printer for easy loading from a natural posture.



## HIGH-PRODUCTIVITY FOR LARGE VOLUME PRINTING

suitable for iPF650/750/760/765/815/825

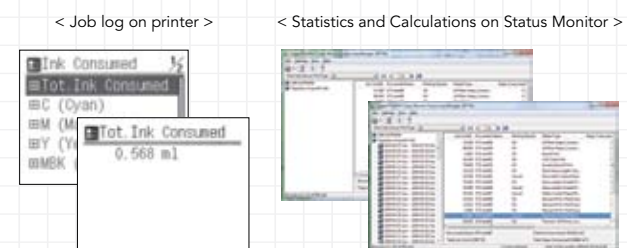
### PERMANENT SELF-PROPELLED DOUBLE ROTARY CUTTER



## ACCOUNTING FUNCTIONS

suitable for iPF650/750/760/765/815/825

The Status Monitor includes accounting functions to collect job log information and calculate printing costs. This collects job logs to identify who printed what document from what printer and calculates the number of pages and sheets printed altogether with printing costs.



## HIGH-CAPACITY INK TANKS (330/700ml)

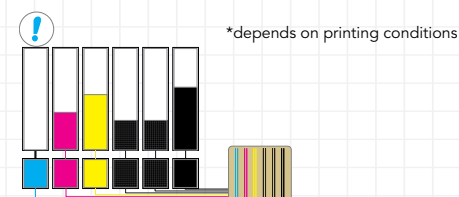
suitable for iPF815/825

The high capacity ink tanks enable high productivity users from high-end CAD printers and ease the need for frequent change of ink tank.

### INK TANK REPLACEMENT WITHOUT STOPPING PRINTING

suitable for iPF650/750/760/765/815/825

Constantly reserving ink level in subtank allows users replace ink tanks without having to stop printing. Even when ink runs out unexpectedly, users can continue printing using the sub tanks. (Example: equivalent to approximately 80 sheets of A1 plain paper for monochrome drawings.\*) This also enables full use of ink tank contents, eliminating wastage of ink.



## FEEDING FROM DUAL ROLLS

suitable for iPF825

It allows switching between media for various printing application after two rolls of different media types or sizes loaded and high-volume printing from two rolls of same media. User can manually select their desired roll or an auto roll switching mechanism automatically selects the correct roll based on media type or size settings of print jobs.



### 175M MAXIMUM LENGTH OF PRINT (WITH RIP)

suitable for iPF 760/765

The maximum length of print (with RIP) had increased from 60M to 175M, greatly improving productivity for large print jobs.

## NEW MEDIA BASKET

suitable for iPF650/750/760/765

The new media basket enhances stacking capacity for A1 (Landscape), A2 size printing and enables flatbed stacking.



## POWERFUL SUPPORT FOR CAD OUTPUT

imagePROGRAF includes Windows and other dedicated drivers supporting industry-standard CAD APPLICATION SOFTWARE

An HDI driver is provided for AutoCAD, which is used for color printing of structural floor plans and perspective drawings in architecture and civil engineering. The printers also include HP-GL/2 for high-end CAD applications such as board wiring layouts in electronics and circuit design, and engineering drawings produced by mechanical design departments in the automotive, aviation, and precision device industries.

## ECONOMY PRINTING MODE

suitable for iPF 650/750/760/765/815/825

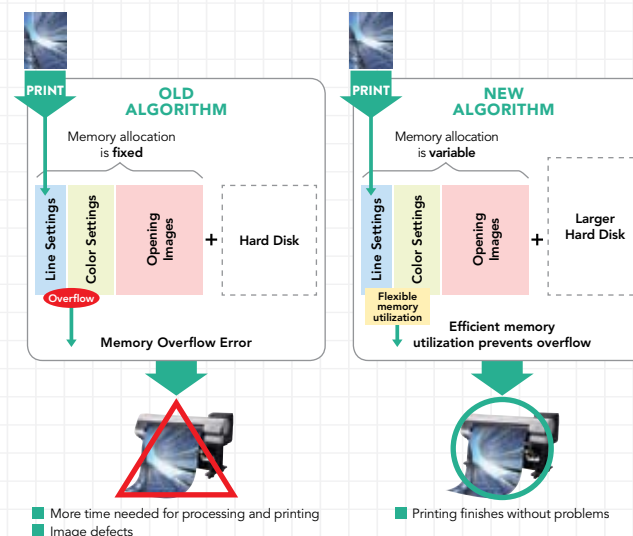
Includes an Economy printing mode\* using approximately half the ink used for Draft mode, useful for checking layouts, etc.

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

## ENHANCED HP-GL/2 SUPPORT

suitable for iPF 650/750/760/765/815/825

New optimized HP-GL/2 data processing algorithm and updated method of memory space allocation. Now it is also possible to print with the HP-GL/2 color palette.



## 250 GB BUILT-IN HARD DISK DRIVE

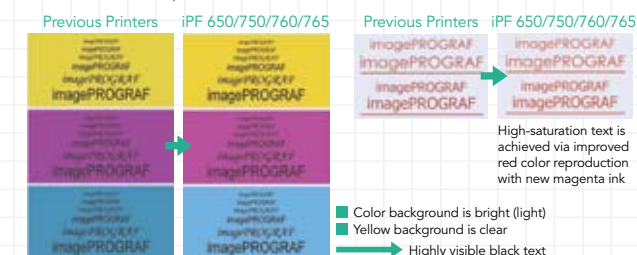
suitable for iPF 765

- » Larger amount of print job data can be saved on the internal hard disk drive
- » Improved support for intricate CAD and GIS drawings, complex or data-heavy files
- » More dedicated file-processing memory is provided on the 250 GB HDD at 32 GB

## IMPROVED CAD PRINT QUALITY

suitable for iPF 650/750/760/765

Increased line and text visibility and clearer color separation of HP/GL-2 color palette.



## COLOR EMULATION

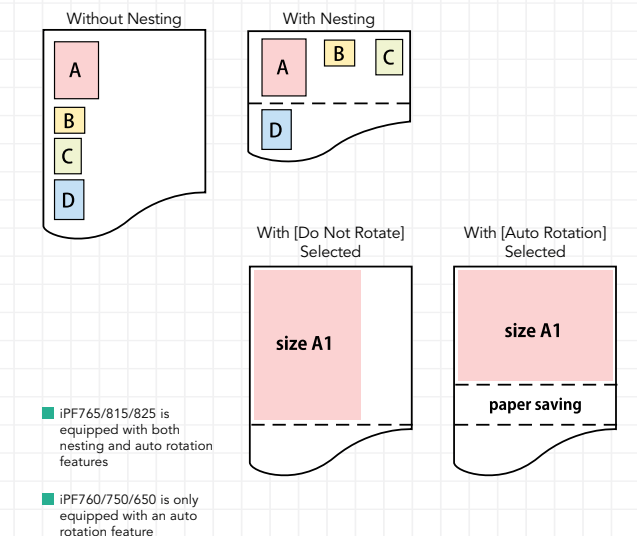
suitable for iPF 650/750/760/765/815/825

Emulation function approximates the colors produced by the printers previously used. Color lookup tables (LUTs) will be provided for the following printers for which color emulation is intended when printing on plain paper, CAD tracing paper, coated paper, and CAD translucent matte film.

## NESTING/AUTO ROTATION

available during HP-GL/2 or HP RTL Printing

Nesting and auto rotation reduces waste paper. Thus, making effective use of roll space.





SIMPLE FUNCTIONALITY AND EFFICIENT OPERABILITY

imagePROGRAF MFP Solution (M25/M40) provides the perfect answer for a straightforward and organized workflow for all your scanning, copying, archiving and distributing of large format documents in great detail and quick speeds.

NEW FEATURES & FUNCTIONS



- » Complete Scan-to-Copy/File/Email/Print and Cloud Solution
- » Direct print & share software enables uploading and downloading of print files (PDF, JPEG, TIFF) through the use of Cloud Solution
- » Combination of SingleSensor technology with CIS scanning for incredible line definition and accuracy
- » Superb scanning speed of 12 seconds (A1, color) with 2-way paper path suits various media thickness up to 2.0mm
- » High 1200 dpi optical resolution for scanning detailed drawings and enlarging documents



- » Customise your solution and choose from 7 configurations on the 24" to 44" models — iPF605, iPF650, iPF750, iPF760, iPF765, iPF815, and iPF825
- » Large, easy-to-use 17" touch screen interface with dynamic preview, custom presets & image adjustment on preview window
- » Precise, fine and detail lines with 2400 x 1200 dpi printing with 4pl ink droplets
- » Up to 250GB Hard Disk Drive ensure easy handling of print jobs\*  
\*Not available on all configurations.

|   | M25  | M40                 |
|---|--|---------------------|
| Scan Width (inches)                                 | 25" (63.5cm)   | 40" (101.6cm)       |
| Max. Document Width (inches)                        | 27" (68.6cm)   | 42" (106.7cm)       |
| Max. Document Thickness (inches)                    | 2.0mm  | 2.0mm               |
| Max. Resolution                                     | 1200 dpi   | 1200 dpi            |
| Weight  | 18kg   | 25kg                |
| CIS Configuration                                   | SingleSensor   |                     |
| Illumination  | Full width dual LED illumination                                       |                     |
| Front / Rear Exit                                   | Rear (front eject)   |                     |
| Document Handling - Face Up/Down                    | UP   |                     |
| Document Thickness                                  | 2.0mm  |                     |
| Paper Path  | Flat   |                     |
| Optical Resolution (dpi)                            | 1200 dpi   |                     |
| Scan Speed (inches/sec) 8-bit color at 200 dpi      | 13.0 ips   |                     |
| Scan Speed (inches/sec) 24-bit grayscale at 200 dpi | 3.0 ips  |                     |
| Interface USB                                       | 3.0 (backward compatible to USB2)                                      |                     |
| Control Panel                                       | Start / Stop, Advance / Rewind, ASF (Auto Size Finder) Readout         |                     |
| Operating System                                    | Windows 7 only (32/64 bit)   |                     |
| Package   | Bundled stand, scanner, touch screen monitor & SmartWorks MFP software |                     |
| MPF Scanner Dimensions (H x W x D)                  | 1677 x 1074 x 800mm  | 1677 x 1361 x 800mm |
| External Power Supply                               | 100 - 240 V, 56/60Hz, Auto sensing                                     |                     |
| Scanner Power Consumption                           | 1) SCANNING 53 W   |                     |
|   | 2) STAND-BY 5 W  |                     |
| Operating Environments                              | 10°C-35°C, 35%-80% RH non-condensing                                   |                     |
| Compliances   | CB, CE, FCC, VCCI, UL, RoHS, CCC, ENERGY STAR®qualified                |                     |

POSTER CREATION MADE SIMPLE

PosterArtist provides powerful design support and advance editing functions, where it meets the diverse needs of poster creation with its auto design functions, design assist functions and quick exchange functions.



NEW FEATURES & FUNCTIONS

IMPROVED AUTO DESIGN

The choice of automatically generated design candidates can now be selected from the following four types:

1. Photos/Illustration Focus
2. Keyword Focus
3. Sentence Focus
4. Long/Horizontal Banners

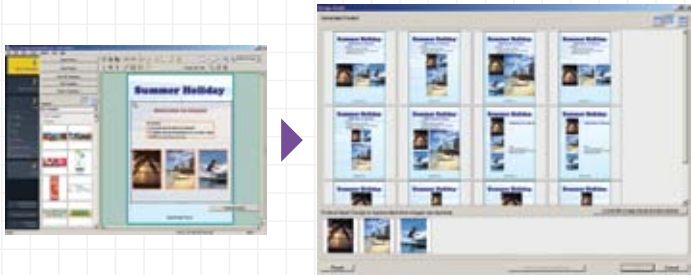


- Enable the production of text-emphasized posters at large retailers or for events, festival announcements etc.
- Effective for use in scenarios such as store sales, events, and festivals.

DESIGN ASSIST

It is now possible to specify any area on the poster being edited and apply auto design to that area only.

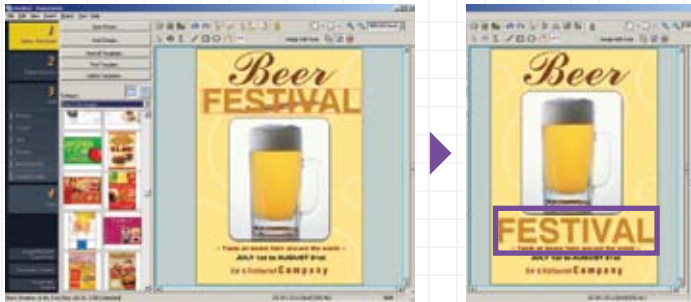
Objects within the specified area are rearranged and displayed as a number of design candidates.







QUICK EXCHANGE


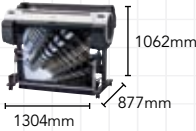


It is now possible to switch the positions of objects easily, simply by dragging with the mouse.

The objects selected are switched and then the layout is revised to reflect the switch.



SPECIFICATIONS

|  |                                 | iPF510   |  | iPF605   |  | iPF750   |  | iPF650  |  |
|--|---------------------------------|--|--|--|--|--|--|---|--|
| Ink Type   |                                 | Dye and pigment reactive ink: BK, MBK x 2, C, M, Y   |  | Dye and pigment reactive ink: BK, MBK x 2, C, M, Y                                   |  | Dye and pigment reactive ink: BK, MBK x 2, C, M, Y                                   |  | Dye and pigment reactive ink: BK, MBK x 2, C, M, Y                                    |  |
| Maximum Print Resolution                             |                                 | 2400 x 1200 dpi  |  | 2400 x 1200 dpi  |  | 2400 x 1200 dpi  |  | 2400 x 1200 dpi   |  |
| Dimensions, Weight (Net)<br>W x D x H (mm), (kg)     |                                 |  |  |  |  |  |  |   |  |
| MAIN UNIT  |                                 | 819 x 733 x 317mm; approx. 39kg  |  | 997 x 670 x 344mm; approx. 45kg  |  | —  |  | 997 x 698 x 507mm; approx. 43.4kg   |  |
| MAIN UNIT WITH PRINTER STAND                         |                                 | 819 x 981 x 989mm; approx. 58kg  |  | 997 x 870 x 993mm; approx. 60kg  |  | 1304 x 877 x 1062mm; approx. 63.9kg  |  | 997 x 877 x 1062mm; approx. 54.1kg  |  |
| Dimensions, Weight (Package)<br>W x D x H (mm), (kg) |                                 |  |  |  |  |  |  |   |  |
| MAIN UNIT WITH PALETTE                               |                                 | 960 x 874 x 638mm; approx. 57kg  |  | 1140 x 914 x 645mm; approx. 69kg   |  | 1434 x 830 x 773mm; approx. 83.6kg   |  | 1127 x 830 x 773mm; approx. 71.3kg  |  |
| PRINTER STAND/BASKET                                 |                                 | 1115 x 864 x 237mm; approx. 22kg   |  | 1115 x 864 x 237mm; approx. 22kg   |  | 1380 x 760 x 315mm; approx. 20.3kg   |  | 1083 x 766 x 350mm; approx. 18.1kg  |  |
| Power Supply   |                                 |  |  |  |  |  |  |   |  |
| INPUT POWER  |                                 | AC 100 - 120 V (50/60 Hz)<br>AC 220 - 240 V (50/60 Hz)   |  | AC 100 - 120 V (50/60 Hz)<br>AC 220 - 240 V (50/60 Hz)                               |  | AC 100 - 240 V (50-60 Hz)  |  | AC 100 - 240 V (50-60 Hz)   |  |
| POWER CONSUMPTION                                    |                                 | Operation: 100 W or less   |  | Operation: 100 W or less   |  | Operation: 140 W or less   |  | Operation: 140 W or less  |  |
| STANDBY POWER CONSUMPTION                            |                                 | 6 W or less  |  | 6 W or less  |  | 6 W or less  |  | 6 W or less   |  |
| POWER OFF (STAND BY)                                 |                                 | 1 W or less  |  | 1 W or less  |  | 1 W or less  |  | 1 W or less   |  |
| Operational Environment                              |                                 | Temperature: 15 - 30°C,<br>Humidity: 10 - 80% (No Condensation)  |  | Temperature: 15 - 30°C,<br>Humidity: 10 - 80% (No Condensation)                      |  | Temperature: 15 - 30°C,<br>Humidity: 10 - 80% (No Condensation)                      |  | Temperature: 15 - 30°C,<br>Humidity: 10 - 80% (No Condensation)                       |  |
| Acoustic Noise                                       |                                 |  |  |  |  |  |  |   |  |
| ACOUSTIC PRESSURE                                    |                                 | Operation: Approx. 52 dB (A) or less,<br>Standby: Approx. 35 dB (A) or less  |  | Operation: Approx. 49 dB (A) or less,<br>Standby: Approx. 35 dB (A) or less          |  | Operation: Approx. 50 dB (A) or less,<br>Standby: Approx. 35 dB (A) or less          |  | Operation: Approx. 47 dB (A) or less,<br>Standby: Approx. 35 dB (A) or less           |  |
| ACOUSTIC POWER                                       |                                 | 6.6 Bels   |  | 6.3 Bels or less   |  | 6.6 Bels   |  | 6.4 Bels  |  |
| Standard Memory                                      |                                 | 192 MB   |  | 256 MB   |  | 256 MB   |  | 256 MB  |  |
| Hard Disk  |                                 |  |  | —  |  | —  |  | —   |  |
| Interface  |                                 |  |  |  |  |  |  |   |  |
| BUILT-IN   |                                 | USB2.0 Hi-Speed,10/100BASE-T/TX  |  | USB2.0 Hi-Speed,10/100BASE-T/TX  |  | USB2.0 Hi-Speed<br>10/100/1000BASE-T/TX  |  | USB2.0 Hi-Speed<br>10/100/1000BASE-T/TX   |  |
| EXPANSION SLOT                                       |                                 | IEEE1394 (Option)  |  | IEEE1394 (Option)  |  | None   |  | None  |  |
| Media Handling                                       |                                 |  |  |  |  |  |  |   |  |
| MEDIA FEED AND OUTPUT                                | ROLL PAPER                      | 1 Roll, Top loading (front operation is possible), Front Output  |  | 1 Roll, Top loading (front operation is possible), Front Output                      |  | 1 Roll, top loading, front output  |  | 1 Roll, top loading, front output   |  |
|  | CUT SHEET                       | Cassette: Front-loading, Front Output<br>Manual feed (1 sheet): Top-feeding, Front Output                                |  | Manual feed (1 sheet): Front-feeding and Front Output, Top-feeding and Front Output  |  | Manual feed: Top-feeding, Front Output, using Media Locking Lever                    |  | Manual feed: Top-feeding, Front Output, using Media Locking Lever                     |  |
| MEDIA THICKNESS                                      | ROLL PAPER                      | 0.07 - 0.8mm   |  | 0.07 - 0.8mm   |  | 0.07 - 0.8mm   |  | 0.07 - 0.8mm  |  |
|  | CUT SHEET                       | Cassette: 0.08 - 0.3mm<br>Manual feed (Top): 0.07 - 0.8mm<br>Manual feed (Front): 0.5 - 1.5mm                            |  | Manual feed (Top): 0.07 - 0.8mm<br>Manual feed (Front): 0.5 - 1.5mm                  |  | 0.07 - 0.8mm   |  | 0.07 - 0.8mm  |  |
| MAXIMUM ROLL OUTER DIAMETER                          |                                 | 150mm  |  | 150mm  |  | 150mm  |  | 150mm   |  |
| MEDIA CORE SIZE                                      |                                 | Internal diameter of roll core: 2" / 3"  |  | Internal diameter of roll core: 2" / 3"  |  | Internal diameter of roll core: 2" / 3"  |  | Internal diameter of roll core: 2" / 3"   |  |
| MEDIA WIDTH  | ROLL PAPER                      | 203 - 432mm  |  | 203 - 610mm  |  | 254 - 914.4 mm   |  | 254 - 609.6 mm  |  |
|  | CUT SHEET                       | 18m  |  | 18m  |  | 203.2 - 917 mm   |  | 203.2 - 609.6 mm  |  |
| MAXIMUM PRINTABLE PAPER LENGTH                       | ROLL PAPER                      | 18m  |  | 18m  |  | 18m  |  | 18m   |  |
|  | CUT SHEET                       | Cassette: 594mm<br>Manual feed (Top): 610mm<br>(1.6m when Auto Roll Feed Unit is attached)<br>Manual feed (Front): 914mm |  | Manual feed (Top): 279mm<br>Manual feed (Front): 520mm                               |  | 1.6m   |  | 1.6m  |  |
| PRINTABLE MARGINS                                    | ROLL PAPER                      | All sides: 3mm   |  | All sides: 3mm   |  | All sides: 3mm   |  | All sides: 3mm  |  |
|  | ROLLER PAPER (BORDERLESS PRINT) | All sides: 0mm   |  | All sides: 0mm   |  | All sides: 0mm   |  | All sides: 0mm  |  |
|  | CUT SHEET                       | Cassette: All sides 3mm<br>Manual feed (Top): All sides 3mm<br>Manual feed (Front): Bottom: 23mm<br>Others: 3mm          |  | Manual feed (Top): All sides 3mm<br>Manual feed (Front): Bottom: 23mm<br>Others: 3mm |  | Bottom: 23mm<br>Others: 3mm  |  | Bottom: 23mm<br>Others: 3mm   |  |
| Media Type   |                                 |  |  |  |  |  |  |   |  |
| MEDIA TYPE   | PRINT QUALITY                   | Paper Size (A2)  |  | Paper Size (A1)  |  | Paper Size (A0)  |  | Paper Size (A1)   |  |
|  |                                 |  |  |  |  |  |  |   |  |
| PLAIN ROLL PAPER                                     | DRAFT (300DPI)                  | 20 seconds   |  | 31 seconds   |  | 46 seconds   |  | 28 seconds  |  |
|  | STANDARD (600DPI)               | 33 seconds   |  | 54 seconds   |  | 86 seconds   |  | 52 seconds  |  |
| Image  |                                 | *dimensions without stand  |  |  |  |  |  |   |  |
|  |                                 |                                       |  |   |  |  |  |  |  |

|  |                                 | iPF760  | iPF765  | iPF815  | iPF825  |
|--|---------------------------------|---|---|---|---|
| Ink Type   |                                 | Dye and pigment reactive ink: BK, MBK x 2, C, M, Y                                    | Dye and pigment reactive ink: BK, MBK x 2, C, M, Y                                    | Dye and pigment reactive ink: BK, MBK, C, M, Y  | Dye and pigment reactive ink: BK, MBK, C, M, Y  |
| Maximum Print Resolution                             |                                 | 2400 x 1200 dpi   | 2400 x 1200 dpi   | 2400 x 1200 dpi   | 2400 x 1200 dpi   |
| Dimensions, Weight (Net)<br>W x D x H (mm), (kg)     |                                 |   |   |   |   |
| MAIN UNIT  |                                 | —   | —   | —   | —   |
| MAIN UNIT WITH PRINTER STAND                         |                                 | 1304 x 877 x 1062mm; approx. 63.9kg   | 1304 x 877 x 1062mm; approx. 64.1kg   | 1893 x 975 x 1144mm; approx. 138kg  | 1893 x 1291 x 1144mm; approx. 189kg   |
| Dimensions, Weight (Package)<br>W x D x H (mm), (kg) |                                 |   |   |   |   |
| MAIN UNIT WITH PALETTE                               |                                 | 1434 x 830 x 773mm; approx. 88kg  | 1434 x 830 x 773mm; approx. 88kg  | 2080 x 1060 x 867mm; approx. 166kg  | 2080 x 1060 x 867mm; approx. 166kg  |
| PRINTER STAND/BASKET                                 |                                 | 1380 x 760 x 315mm; approx. 21kg  | 1380 x 760 x 315mm; approx. 21kg  | 1782 x 863 x 368mm; approx. 40kg  | 1782 x 863 x 368mm; approx. 40kg  |
| Power Supply   |                                 |   |   |   |   |
| INPUT POWER  |                                 | AC 100 - 240 V (50-60 Hz)   | AC 100 - 240 V (50-60 Hz)   | AC 100 - 240 V (50-60 Hz)   | AC 100 - 240 V (50-60 Hz)   |
| POWER CONSUMPTION                                    |                                 | Operation: 140 W or less  | Operation: 140 W or less  | Operation: 190 W or less  | Operation: 190 W or less  |
| STANDBY POWER CONSUMPTION                            |                                 | 6 W or less   | 6 W or less   | 6 W or less   | 6 W or less   |
| POWER OFF (STAND BY)                                 |                                 | 0.5 W or less   | 0.5 W or less   | 1 W or less   | 1 W or less   |
| Operational Environment                              |                                 | Temperature: 15 - 30°C,<br>Humidity: 10 - 80% (No Condensation)                       | Temperature: 15 - 30°C,<br>Humidity: 10 - 80% (No Condensation)                       | Temperature: 15 - 30°C,<br>Humidity: 10 - 80% (No Condensation)                       | Temperature: 15 - 30°C,<br>Humidity: 10 - 80% (No Condensation)                       |
| Acoustic Noise                                       |                                 |   |   |   |   |
| ACOUSTIC PRESSURE                                    |                                 | Operation: Approx. 50 dB (A) or less,<br>Standby: Approx. 35 dB (A) or less           | Operation: Approx. 50 dB (A) or less,<br>Standby: Approx. 35 dB (A) or less           | Operation: Approx. 52 dB (A) or less,<br>Standby: Approx. 35 dB (A) or less           | Operation: Approx. 52 dB (A) or less,<br>Standby: Approx. 35 dB (A) or less           |
| ACOUSTIC POWER                                       |                                 | 6.6 Bels  | 6.6 Bels  | 6.8 Bels or less  | 6.8 Bels or less  |
| Standard Memory                                      |                                 | 256 MB  | 32 GB (Physical memory 256 MB)  | 32 GB (Physical DRAM: 384 MB)   | 32 GB (Physical DRAM: 384 MB)   |
| Hard Disk  |                                 | —   | 250 GB  | 160 GB  | 160 GB  |
| Interface  |                                 |   |   |   |   |
| BUILT-IN   |                                 | USB2.0 Hi-Speed<br>10/100/1000BASE-T/TX   | USB2.0 Hi-Speed<br>10/100/1000BASE-T/TX   | USB2.0 Hi-Speed<br>10/100BASE-T/TX  | USB2.0 Hi-Speed<br>10/100BASE-T/TX  |
| EXPANSION SLOT                                       |                                 | None  | None  | None  | None  |
| Media Handling                                       |                                 |   |   |   |   |
| MEDIA FEED AND OUTPUT                                | ROLL PAPER                      | 1 Roll, Top loading, Front Output   | 1 Roll, Top loading, Front Output   | 1 Roll, top loading, front output   | 2 Rolls, front-loading, front output  |
|  | CUT SHEET                       | Manual feed:<br>Top-feeding, Front Output,<br>using Media Locking Lever               | Manual feed:<br>Top-feeding, Front Output,<br>using Media Locking Lever               | Manual feed:<br>Top-feeding, Front Output,<br>using Media Locking Lever               | Manual feed:<br>Top-feeding, Front Output,<br>using Media Locking Lever               |
| MEDIA THICKNESS                                      | ROLL PAPER                      |   |   |   |   |
|  | CUT SHEET                       | 0.07 - 0.8mm  | 0.07 - 0.8mm  | 0.07 - 0.8mm  | 0.07 - 0.8mm  |
| MAXIMUM ROLL OUTER DIAMETER                          |                                 | 150mm   | 150mm   | 150mm   | 150mm   |
| MEDIA CORE SIZE                                      |                                 | Internal diameter of roll core: 2" / 3"   | Internal diameter of roll core: 2" / 3"   | Internal diameter of roll core: 2" / 3"   | Internal diameter of roll core: 2" / 3"   |
| MEDIA WIDTH  | ROLL PAPER                      | 254 - 914.4 mm  | 254 - 914.4 mm  | 254 - 1118 mm   | 254 - 1118 mm   |
|  | CUT SHEET                       | 203.2 - 917 mm  | 203.2 - 917 mm  | 203 - 1118 mm   | 203 - 1118 mm   |
| MAXIMUM PRINTABLE PAPER LENGTH                       | ROLL PAPER                      | 18 m  | 18 m  | 18 m  | 18 m  |
|  | CUT SHEET                       | 1.6 m   | 1.6 m   | 1.6 m   | 1.6 m   |
| PRINTABLE MARGINS                                    | ROLL PAPER                      | All sides: 3mm  | All sides: 3mm  | All sides: 3mm  | All sides: 3mm  |
|  | ROLLER PAPER (BORDERLESS PRINT) | All sides: 0mm  | All sides: 0mm  | All sides: 0mm  | All sides: 0mm  |
|  | CUT SHEET                       | Bottom: 23mm<br>Others: 3mm   | Bottom: 23mm<br>Others: 3mm   | Bottom: 23mm<br>Others: 3mm   | Bottom: 23mm<br>Others: 3mm   |
| Media Type   |                                 |   |   |   |   |
| MEDIA TYPE   | PRINT QUALITY                   | Paper Size (A0)   | Paper Size (A0)   | Paper Size (A0)   | Paper Size (A0)   |
| PLAIN ROLL PAPER                                     | DRAFT (300DPI)                  | 46 seconds  | 46 seconds  | 53 seconds  | 53 seconds  |
|  | STANDARD (600DPI)               | 86 seconds  | 86 seconds  | 96 seconds  | 96 seconds  |
| Image  |                                 |  |  |  |  |





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