

# REPLICATOR 362

**Multi-Function Printer**



**A Single Footprint  
Easy to Use**

**Scan, Print and Copy up to 36" wide  
State-of-the-Art Technology**

- *Scan to Print*
- *Scan to File*
- *Print*

 **RSA**

Sold, Serviced & Supplied by:

**Mathison's**  
**Express Press Graphics®**

# REPLICATOR 362 MFP



What makes the Replicator 362 MFP the ideal multi-function system for you?

Canon Print Technology combined with Contex Scanning Technology in an integrated, easy-to-use system with a single foot print. You can copy, print and scan to file with ease and accuracy.

## VERSATILITY

- One printer handles detailed technical documents and full-color graphics
- Direct printing support for HP-GL/2 and HP RTL documents

## HIGH-SPEED LINE DRAWINGS, TEXT, AND GRAPHICS

With two channels of Matte Black ink, the Replicator 362 printer achieves extraordinary print speeds. Now you can produce high-resolution, complex line drawings and text intensive documents at up to 337 ft.<sup>2</sup>/hr.<sup>▲</sup> or print check plots at speeds up to 659 ft.<sup>2</sup>/hr!<sup>▲</sup>

## A HIGHER DEGREE OF PRECISION

In technical document printing applications, every detail counts. With 2400 x 1200 dpi output, the Replicator 362 printer easily produces fine lines, curves, small characters, and gradations with precision.

## HARDWORKING AND BUILT TO LAST

Designed for precision and productivity, the Replicator 362 printer features print-heads with 15,360 nozzles—more than any other CAD printing system on the market.

The high performance Replicator 362 MFP offers ultra fast, high resolution scanning in either full color or monochrome, using superior CCD technology.

The Replicator 362 MFP is the ideal full color or monochrome digital copier. The touchscreen controller makes the system very easy to use – a walk-up scan-to-print system that produces high quality copies/prints with amazing speed and ease.



Digital Photo Front-Access



PosterArtist 2007

<sup>▲</sup> [SCID N5 ("bicycle")] OS: Windows XP SP2, CPU: Pentium® 4 3.2GHz, RAM: 1GB, Application: Adobe® Photoshop® 7.0, Interface: USB 2.0 Hi-Speed, Output image size: A0 (827 x 1033.8mm); A1(580 x 724.9mm). Measured by Canon Inc. Each print time does not include data transfer time. The print speed may vary depending on the data volume and size, PC, application, software, and interface.

\* Operating Systems: Windows 98SE/Me/2000/XP/2003 Server, Windows Vista®, Macintosh OS 9.1/X/10.2/10.3/10.4 (Power PC or Intel®)

\*\* For AutoCAD or AutoCAD LT 2000, 2000i, 2002, 2003, 2004, 2005, 2006, 2007

\*\*\* PC only. Windows 2000/XP/Windows Vista

# REPLICATOR 362MFP

## PRINTER SPECIFICATIONS

### Print-Head

PF-03

### Technology

FINE (Photolithography Inkjet Nozzle Engineering)

### Print Resolution (Max.)

2400 x 1200 dpi

### Line Accuracy\*

±0.1% or Less

### Minimum Line Weight\*\*

0.02mm

### Number of Nozzles

Matte Black: 5,120 Nozzles  
Other Colors: 2,560 Nozzles per Color

### Droplet Size

4 Picoliter

### Nozzle Pitch (Head Resolution)

1200 dpi x Two Rows

### Print Head Swath

1.07 inch

### Ink Type

#### Dye

Cyan (C), Magenta (M), Yellow (Y), Black (K)

#### Pigment

Matte Black (MBK) – Two Channels

### Ink Tank

PFI-102

### Ink Tank Capacity\*\*\*

130ml per Color

### Number of Colors

5

### Ink Supply Method

Tubing System

### Nozzle Recovery System

Non-firing Nozzle Detection and Compensation

### Printer Controller

L-COA Controller

### Printer Memory

256MB

### Media Feed

Front-loading Manual Feed, Rear-loading Roll Feed

### Media Width

#### Roll Feed

10" – 36" (254mm – 914.4mm)

#### Cut Sheet

8" – 36" (203.2mm – 914.4mm)

### Printable Margins

#### Roll Feed

All Sides: 0.12" (3mm) or 0" for Borderless

### Minimum Printable Media Length

#### Roll Feed

8.0' (203mm)

### Maximum Print Length†

#### Roll Feed

59' (18m)

### Cut Sheet (Top)

5.2' (1.6m)

### Borderless Printing Widths (Roll Media Only)

10", 14", 16", 24", 36",  
B2 (20.28"/515mm), A1 (23.38"/594mm),  
B1 (28.66"/728mm), AO (33.11"/841mm)

### Media Cutter

Durable Rotary Blade

### Media Thickness

#### Roll Feed

0.07 – 0.8mm (2.8 – 31.4mil)

#### Cut Sheet

0.07 – 0.8mm (2.8 – 31.4mil)

### Media Core Sizes

2" or 3" Core (2/3" Core Adapter Included)

### Maximum Roll Outer Diameter

5.9' (150mm)

### Software

#### Printing Software

imagePROGRAF Printer Driver 2007, HDI Driver for AutoCAD®/AutoCAD LT 2000–2008,†† Printer Driver Extra Kit ■ (Free Layout, imageRUNNER Linking Function)

#### Utilities

Media Configuration Tool

#### Applications

Digital Photo Front-Access, GARO Device Setup Utility, PosterArtist 2007 (optional)

#### Device Status

GARO Status Monitor, Remote UI

#### Printer Language

GARO (Canon Proprietary), HP-GL/2, HP RTL

#### Operating Systems\*

Windows 2000/XP/Server 2003/Windows Vista  
Macintosh OS 9/10 (PowerPC or Intel)

#### Interface

##### Standard (Built-in)

USB 2.0 Hi-Speed, 10/100Base-T/TX

##### Optional

IEEE1394 (FireWire)

#### Acoustic Noise

##### Operation

52dB (A) or Less

##### Standby

35dB (A) or Less

#### Acoustic Power

6.6 Bels or Less

#### Power Supply

AC 100–240V (50–60Hz)

#### Power Consumption

##### Maximum

140W or Less

##### Standby

5W or Less (10W or less  
when IEEE1394 is mounted)

#### Power Off

1W or Less (Executive Order Compliant)

#### Certifications

UL®, FCC Class B, ENERGY STAR®

### Operational Environment

#### Temperature

59 – 86 F° (15 – 30 C°)

#### Relative Humidity

10 – 80% (No Condensation)

#### Printer Dimensions (H x W x D)

59.3" x 34.3" x 43.1"  
1507mm x 871mm x 1094mm

#### Weight (with Stand)

Approx. 141 lb.  
64kg

#### Options

IEEE1394 Expansion Board (EB-05)  
Roll Holder Set (RH4-32)  
PosterArtist 2007

#### User Replaceable Items

Print-Head (PF-03)  
Ink Tanks (PFI-102)  
Maintenance Cartridge (MC-07)  
Cutter Blade (CT-05)

\* After user adjustment and under the same environmental conditions. Applies to media for line drawing only.

\*\* Theoretical value based on data resolution

\*\*\* The starter ink tanks initially packaged with the printer are not the same capacity as the replacement ink tanks specified here.

† The maximum printable length varies depending on the application, OS, and RIP used.

†† For AutoCAD or AutoCAD LT 2000/2000i/2002/2004/2005/2006/2007/2008

■ Windows 2000/XP and for Macintosh, Auto Layout, and imageRUNNER Linking Function  
▲ For imagePROGRAF Printer Driver 2007. For printing from PostScript® applications such as Adobe Illustrator® or QuarkXPress™, please use a PostScript compatible RIP package. For a list of Canon recommended RIP packages, please consult with Canon Alliance and Industry Market program list of RIP vendors.

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# REPLICATOR 362MFP Powered by Contex

## SCANNER SPECIFICATIONS

		BASE	PLUS
Pixels:	(in pixels)	77,000	77,000
Resolution:	(in dpi)	600	600
Enhanced Resolution:	(in dpi)	1200	9600
Scan Accuracy:	0.1%+1 pixel	✓	✓
Scanning Speed inch/sec:	(400 dpi turbo, 24-bit RGB)	0.6"/s	1.0"/s
	(400 dpi turbo, 8-bit Index)	1.5"/s	1.5"/s
	(400 dpi turbo, Graytone & B/W)	12.0"/s	12.0"/s
Scan & Media Width:	Max Scan Width: 36" (914 mm) Max Media Width: 44" (1118 mm) unlimited scan length	✓	✓
Maximum Thickness:	0.6" (15 mm) Automatic Thickness Adjustment	✓	✓
Digital Image Processing	Dual 2-D Adaptive Enhancement & Adaptive Gray	✓	✓
Embedded in Hardware:	ADL + Error Diffusion Halftoning	✓	✓
	2-D Sharpening, Softening, Blur Filter & Adaptive Thresholding	✓	✓
	Color Feature Extraction	✓	✓
Scan Modes:	24-bit Color, 8-bit Feature Extraction/Indexed Color	✓	✓
	8-bit Graytone, Copy Modes with Grayshades	✓	✓
	1-bit B/W, B/W Dual 2D-Adaptive Modes	✓	✓
Color Adjustment:	3x3 Matrix Multiplier, Independent RGB Tone Curves (Gamma), Independent B/W Point Setting	✓	✓
Color Space:	NTSC & sRGB	✓	✓
Sensors:	Triple 4-linear CCDs (RGB Triplets+Panchromatic BW)	✓	✓
	48-bit Color Data Capture, 16-bit Graytone Data Capture, All Digital Cameras	✓	✓
Auto-Maintenance System:	Auto Alignment, Stitching Monitoring & Correction, Basic & Precision Color Calibration	✓	✓
Interface:	FireWire, USB2 (High Speed), STI (Still Image Interface), WIA (Windows Image Acquisition), TWAIN	✓	✓
Power Management:	Temperature Control, Low Power Mode, Programmable Power-Up Timer	✓	✓
System Software:	Included: WIDEsystem TOOLS: Scanner Drivers, Maintenance & Utilities	✓	✓
Host Platforms:	Windows and Power Macintosh - see <a href="http://www.contex.com">www.contex.com</a> for OS support details	✓	✓

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