

## Technical Specification for A0 MFP

<b>Print</b>	Line drawings	35 sec/page on A1/D, 70 A1/D prints per hour
	Colour images	Fast: 25.6 m <sup>2</sup> /hr (275 ft <sup>2</sup> /hr) on coated media Best: 2.3 m <sup>2</sup> /hr (25 ft <sup>2</sup> /hr) on glossy media
	Print resolution	Up to 2400 x 1200 optimised dpi
	Margins (top x bottom x left x right)	Roll: 5 x 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in) Sheet: 5 x 17 x 5 x 5 mm (0.2 x 0.67 x 0.2 x 0.2 in)
	Technology	HP Thermal Inkjet
	Ink types	Dye-based (C, M, Y); pigment-based (K)
	Ink drop	5.5 pl (C, M, Y); 12 pl (K)
	Printheads	1 (C, M, Y, K)
	Line accuracy	+/- 0.1%
	Minimum line width	0.02 mm (0.0008 in) (HP-GL/2 addressable)
Guaranteed minimum line width	0.07 mm (0.0028 in) (ISO/IEC 13660:2001(E))	
<b>Media</b>	Handling	Sheet feed, roll feed, input tray, media bin, automatic cutter
	Weight	60 to 280 g/m <sup>2</sup> (roll/manual feed); 60 to 220 g/m <sup>2</sup> (input tray)
	Size	36-in printer: Rolls: 279 to 914 mm (11 to 36 in) Sheets: 210 x 279 to 914 x 1897 mm (8.3 x 11 to 36 x 74.7 in) Standard sheets: A4, A3, A2, A1, A0 (A, B, C, D, E)
Thickness	Up to 11.8 mil	
<b>Memory</b>	1GB	
<b>Connectivity</b>	Interfaces	Fast Ethernet (100Base-T), Hi-Speed USB 2.0 certified, Wi-Fi (standard)
	Print languages	HP-GL/2, HP-RTL, HP PCL 3 GUI, JPEG, CALS G4 (standard)
	Printing paths	Printer driver, HP Designjet ePrint & Share, HP Instant Printing, Apple AirPrint
	Drivers (included)	HP-GL/2, HP-RTL drivers for Windows® (optimised for AutoCAD 2000 and higher); HP PCL 3 GUI driver for Mac OS X
<b>Acoustic</b>	Sound pressure	48 d B(A) (active); < 16 dB(A) (standby)
	Sound power	6.5 B(A) (active); < 3.4 B(A) (standby)
<b>Power consumption</b>	< 35 watts (printing), < 4.5 watts (sleep), < 0.3 watts (standby)	
	Input voltage (auto ranging)	100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 1200 mA max
<b>Warranty</b>	One Year Limited Hardware Warranty	

Scanning document width	257 mm (10.1 inches) to 965 mm (38.0 inches)	
Effective scanning area	Width	50 mm (2.0 inches) to 932.2 mm (36.7 inches)
	Length	Programmable 50 mm to 999.99999 m (It can be set in the software. Actual length governed by the performance of the PC and the condition of the document. *3) ISO (JIS) A0, A1, A2, A3, A4, A0 carrier sheet, A1 carrier sheet JIS B1, B2, B3, B4 DIN A0, A1, A2, A3, A4 ANSI (Engineering): E, D, C, B, A ANSI (Architectural): E, E1, D, C, B, A User size (Programmable up to 932.2 mm (W) x 999.99999 m (L))
Document size	ANSI (Engineering): E, D, C, B, A ANSI (Architectural): E, E1, D, C, B, A User size (Programmable up to 932.2 mm (W) x 999.99999 m (L))	
Auto detection of document size	N/A	
Document thickness	0.05 mm to 1.6 mm	
Scanning margin	0 mm (+/- 0.5 mm) at front and rear edge of document	
Scanning system	Main	Contact image sensor (CIS) (Five A4 sensors are arranged in a staggered pattern)
	Sub	Document feeding system
Document loading	Face-up	
Sensor	Optical resolution	600 dpi
	Output	Color: 48 bits/pixel, Grayscale: 16 bits/pixel
Light source	LED (R/G/B) in CIS	
Interpolated resolution	50 dpi to 4800 dpi (steps of 1 dpi)	
Document feeding speed (at resolution of 400 dpi, high speed mode)	Monochrome	3.5 inches/sec
	Gray	3.5 inches/sec
	24bit color	1.2 inches/sec
Gradation	Gray '6	256 shades
	Gray (RGB) '6	256 shades
	Color	24bit, 8bit
Color space	sRGB, Adobe® RGB compatible	
Interface	USB 2.0 (High speed)	
Power supply	100 to 120 V AC and 200 to 240 V AC, +/- 10 %, 50/60 H	
Item	Qty	
Power cable	1	
Document guide	2	
Cable clamp	1	
USB Cable	1	
Document support plate	3	
Calibration sheet	1	
Cleaning paper	1	
CD-ROM (User manual and Scanning Master Pro Color, Scanning ARTS2 for Win)	2	
User's manual	1	

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**NEW**

# CSX500 Series MFP

## Accurate Color Reproduction with High Throughput

Fastest scanning in this class

High-precision, high-quality scanning

Supports Adobe® RGB compatible color space

Includes advanced multifunctional software

Environmentally friendly design



## High-resolution, High-Quality Scanning, Printing and Copying

Scanner made in Japan



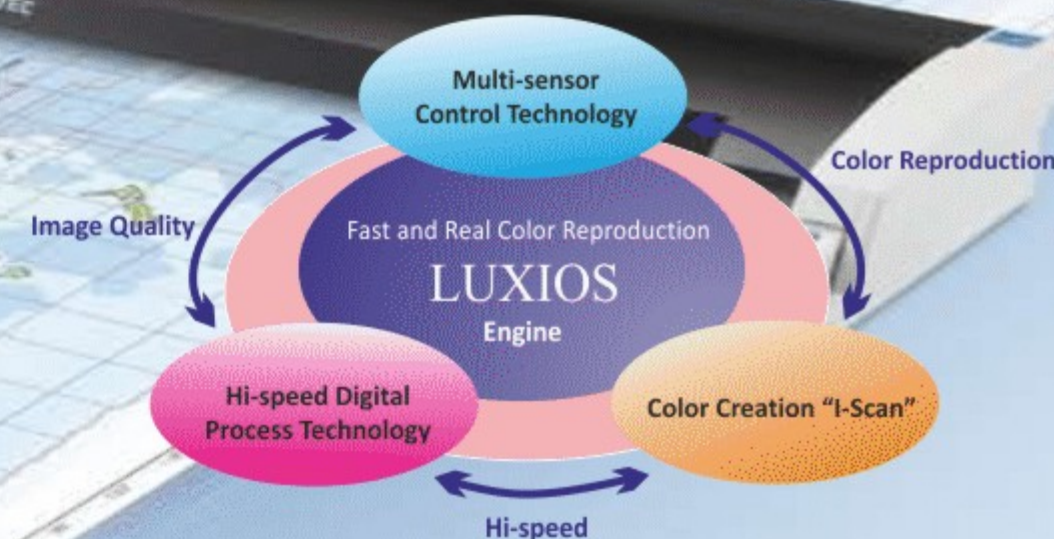
# Introducing the Graphtec A0 Size Multi Function Printer,Scanner,Copier

## Main Features

- CIS Based technology Scanner
- Maximum document thickness 1.6mm
- Enhance flexibility – detachable and can be used dedicated scanner / printer
- Complete solution in single foot print with 17" color monitor & stand included
- Network ready MFP
- Most economical A0 color MFP system in Industry
- Enhanced LED based with life of 50000 hours
- Lowest power consumption

## for use

- Graphtec CSX 500 series A0 MFP solution for AEC (Architects / engineering / construction / consultants.
- Government design department
- Scanning Bureaus
- MCAD Automation company
- Copy Shops



## CSX500 Series CSX510-09 / CSX530-09 / CSX550-09

Using Graphtec's proprietary, LUXIOS engine, the 1200 DPI model provides enhanced performance at a cost-effective price.

### Fast and professional results

Achieve accurate lines, sharp details up to 2400 dpi from the first print with a long-life printhead.

Process complex files at high speed, D print on 35 seconds, thanks to 1GB RAM and HP-GL/2 technology.

Deliver architectural designs, maps, photos, and presentations with consistent, high-quality results.

### Easy and convenient printing

The intuitive, full-color, 4.3-inch touchscreen simplifies navigation and printing

Rely on true print previews from the driver to complete your work quickly and accurately.

Print up to 36 inches wide with a built-in B+tray and front-loading roll

Easily set up your printer and connect everyone in your studio, thanks to built-in Wi-Fi.

### Bundled Software

Improves your productivity when editing and managing image files

Scanning Master Pro Color

Scanning Master Pro Color software enables easy editing and management of image files. It has useful features for file management and file sharing such as image linking, auto de-skew, auto de-speckle, background color suppression, re-touching and deleting together with search function, thumbnail view and display tree of image files.

Large format copy system becomes more familiar

Scanning ARTS 2 for WIN

The Scanning ARTS2 for WIN software can easily build the large format copy system by combining the existing large-format printers and Graphtec scanners. Also, it can easily be configured the setting such as color or monochrome, document type, document size, print size, number of copies. This large size copying system can be used very conveniently just like a photocopying machine.

