EPSON Stylus® Pro 5500 Print Engine

The all new EPSON Stylus Pro 5500 represents the most technologically advanced printer ever to display the EPSON logo. With its innovative Micro Piezo® DX3™ print head, variable-size ink droplet technology and true 2880 x 720 dpi resolution, the high-speed EPSON Stylus Pro 5500 accommodates the most difficult print requirements without sacrificing image quality. In fact, it takes powerful performance above and beyond standard expectations by delivering quality so phenomenal, only seeing is believing.

Even more unbelievable is its remarkable print longevity. Using state-of-the-art EPSON Archival™ Ink technology, the EPSON Stylus Pro 5500 produces prints with lightfastness rated up to 200 years[1]. More importantly, it ensures color stability immediately after printing. Whether you are in professional print production, graphic design, fine art or commercial photography, this breakthrough printing system offers unsurpassed image quality, productivity, media flexibility and software upgrade capabilities for the most demanding printing professionals. No other digital printing system in its class even comes close.

Variable size droplet Micro Piezo DX3 print head for unbeatable image quality

- True 2880 x 720 dpi resolution producing text and line-art comparable to a final press sheet
- True Variable Size Droplet Technology capable of producing up to 3 different dot sizes per print line, greatly decreasing print times while optimizing photographic quality
- Innovative 6-color inking system provides astonishing photographic quality, especially for color blends, midtone, and highlight details

True print engine consistency

- Proprietary ASIC technology controls the printing process resulting in extremely consistent image and color output quality from print-to-print

High capacity archival inking system

- Using our newest EPSON Archival Ink technology, your prints will not only look brilliant, but have a lightfastness rating up to 200 years
- Provides separate ink cartridges (CcMmYK) with automatic ink level detection facilitating easy maintenance and lower cost of ownership

High performance print engine speeds

- Produces Photo Quality 8.5" x 11" prints in under 2 minutes, 13" x 19" prints in under 5 minutes[2]
- Whether you are producing sellable quality prints or just quick comps or mock-ups of an idea, you can choose from various print modes to optimize your productivity

Flexible media handling

- Accepts media from 4" x 6" up to 13" x 44" on a wide range of paper weights up to 200 lb bond
- Includes a rear manual feed straight-through paper path for thicker media types such as watercolor papers
- Get creative with virtually any media type, from plain paper to specialty stocks including canvas, watercolor and commercial proofing grade papers

High capacity, dual paper tray support

- Standard 250-sheet paper cassette handles 4" x 6" to 13" x 19" media and detects paper level and type to ensure mistake-free printing
- Accommodates a second optional 250-sheet paper feeder and cassette for greater flexibility

Superior connectivity

- Includes award-winning photographic printer drivers from Epson supporting Macintosh® and Windows® 95, 98, 2000, Me and NT operating systems
- Available with an optional Fiery® Spark Professional Adobe® PostScript® 3™ RIP for more demanding commercial printing, or is supported by many third-party RIPs to provide optimum compatibility with current and future workflows

1) Lightfastness rating of up to 200 years, based on accelerated testing of prints on specialty media, displayed indoors, under glass. Actual print stability will vary according to image, display conditions, light intensity, humidity, and atmospheric conditions. Epson does not guarantee longevity of prints. For maximum print life, display all prints under glass or lamination or properly store them.
2) Two and five minute performance is based on 1440 x 720 dpi modes. Total throughput time for any output depends on various factors, such as paper size, print resolution, ink coverage, host CPU and interface.

Shown here with optional lower paper cassette and tray

EPSON Stylus Pro 5500 Print Engine Specifications

Printing Method
6-color (CcMmYK) variable droplet Micro Piezo DX3 drop-on-demand ink jet technology

Nozzle Configuration
Monochrome	96 nozzles (K)
Color	96 nozzles x 5 (CcMmY)

Droplet Technology
Smallest droplet size 3 picoliter
Variable droplet produces up to 3 different sizes per print line

Resolution
2880 x 720 dpi; 1440 x 720 dpi; 720 x 720 dpi; 360 x 360 dpi

Print Engine Speed
Produces a single 8.5" x 11" print, prints from 0:29 min:sec to 11:11 min:sec
Produces a single 13" x 19" print, prints from 1:10 min:sec to 24:33 min:sec

Acoustic Noise Level
Approx. 47 db(A) (according to ISO 7779)

Printer Language
EPSON ESC/P 2 photographic drivers standard
External server based Adobe PostScript 3 with optional Fiery Spark Professional Software RIP

Operating Systems Supported
PC	Windows 95, 98, 2000, Me or NT 4.0
MAC	Macintosh OS 8.5.1 through 9.1

Windows Minimum System Requirements
PC with Pentium® II equivalent processor or higher, 256MB RAM Recommended
Parallel - Bidirectional Parallel port equipped systems with Window 95, 98 , 2000, Me
USB - USB port equipped systems with Windows 98 (factory preinstalled) , Windows 2000 or Windows Me
IEEE 1394 FireWire - Firewire port equipped Systems with Windows 2000 or Windows Me
10/100 BaseT Ethernet - Systems equipped with 10/100 BaseT Ethernet support with Windows 95, 98, 2000, Me and NT 4.0

Macintosh Minimum System Requirements
PowerPC G3 or higher, 256MB RAM Recommended
USB - iMAC, G3, G4 system with MAC OS 8.5.1 or later
IEEE 1394 FireWire - iMAC DV, G3, G4 system with MAC OS 8.6 with FireWire Update 2.1 or later
10/100 BaseT Ethernet - iMAC, G3, G4 system with MAC OS 8.5.1 through 9.1

Printer Dimensions (W x D x H)
Standard model	25.20" x 17.28" x 8.82"
Optional lower tray installed	25.20" x 23" x 12.52"

Printable Area
Margins			
Top	.13"	Bottom	.56"
Right	.13"	Left	.13"
Maximum printable area (13" x 19" media)			12.69" x 18.33"

Paper Handling
Size	4" x 6" up to 13" x 44" cut sheet
Weight	Up to 200 lb bond
Types	Can print on a wide range of media including plain paper, true glossy and matte photographic papers, and various watercolor and canvas media

Paper Capacity
Standard cassette	250 sheets
Optional Lower cassette	250 sheets
Output tray	75 sheets at 24 lb bond

Single sheet straight-through paper feeder standard

Ink Cartridge Print Capacity (360 dpi @ 5% duty)[3]
Black	3200 pages/A4
Cyan/Light Cyan	3000 pages/A4
Magenta/Light Magenta	3000 pages/A4
Yellow	3200 pages/A4
Ink cartridge capacity	110 ml total per cartridge
Ink type	EPSON Archival Ink (pigment based)

Environmental Characteristics
Temperature	
Operating	50˚ to 95˚ F (10˚ to 35˚ C)
Storage	-4˚ to 140˚ F (-20˚ to 40˚ C)
Humidity	
Operating	20 to 80% relative humidity
Storage	5 to 85% relative humidity (no condensation)

Safety Approval
Safety standards	UL1950 with D3, CSA 22.2 950 with D3
EMI	FCC part 15 subpart B class B, CSA C108.8 class B

Reliability
Total print volume	75,000 pages (letter)
Print head life	2 Billion dots/nozzle

Product/Accessories Part Numbers
EPSON Stylus Pro 5500 Print Engine	C300011B
250-sheet lower paper cassette and tray	C813611
Internal 10/100 BaseT Type-B card	C823632A
Internal IEEE 1394 FireWire Type-B card	C823722
Fiery Spark Professional Software RIP	TBD
Replacement 250-sheet paper tray	C813621
EPSON Color Calibrator System (for use with optional Fiery RIP)	C850081
Additional One-year EPSON Preferred Plus Service[4]	EPP55B1
Additional Two-year EPSON Preferred Plus Service[4]	EPP55B2
Black ink cartridge	T486011
Yellow ink cartridge	T487011
Magenta/Light Magenta ink cartridge	T488011
Cyan/Light Cyan ink cartridge	T489011

Warranty
One-year EPSON Preferred Protection Plan℠ with next business day exchange; prompt answer toll-free phone support with personal PIN ID, available Monday through Saturday

3) Frequent printing at higher dpi and percentage duty will substantially reduce ink cartridge print capacity.
4) Preferred Plus Service contracts must be purchased within 90 days of print engine purchase.

YOU'VE GOT TO SEE IT IN EPSON COLOR.™

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