

EPSON Stylus® Pro 5000 Printer



The award winning EPSON Stylus Pro 5000 has revolutionized print engine technology. With Epson's Micro Piezo™ DX3™ print head, the EPSON Stylus Pro 5000 provides far superior image quality compared to systems that cost thousands more. Now available with or without an external EPSON RS-5000 Fiery LX RIP, the EPSON Stylus Pro 5000 was designed to grow with your business.

Whether you are in print production, graphic design, commercial photography, or fine art reproduction, this award winning printing system offers unsurpassed image quality, productivity, media flexibility and upgradability for the most demanding graphic arts and printing professionals.

Main Feature Set

Micro Piezo DX3 Print Head for Unbeatable Image Quality

- True 1440 x 720 dpi resolution produces an impression with text and line art comparable to an Imagesetter.
- Innovative 6-color inking system provides astonishing photographic quality surpassing current systems offered by other companies.
- DX3 — Epson's Dual Density Droplet technology — offers precise 11-nanogram dot size for remarkably small, clean, sharp dot placement.



True Print Engine Consistency Technology

- Proprietary ASIC technology controls the printing process. Extremely consistent image and color output quality from print-to-print compared to other thermal or continuous-flow ink jet printers.

High Capacity Inking System

- Separate ink cartridges with automatic ink level detection for each CMYK ink cartridge results in optimum maintenance and low running costs.

High Performance Print Engine Speeds*

- Produces a single 8.5"x11" edge-to-edge, very high coverage print from 1:36 min:sec to 11:00 min:sec.*
- Produces a single 13"x19" edge-to-edge, very high coverage print from 3:49 min:sec to 24:41 min:sec.*
- Produces astonishing photo quality 8.5" x 11" prints in under 3 minutes.
- Produces astonishing photo quality 13" x 19" prints in under 6 minutes.

* Individual performance depends on paper size, print resolution and ink coverage.

Flexible Media Support

- The EPSON Stylus Pro 5000 accepts media from 4"x6" up to 13"x19" on a wide range of paper weights up to 200 lb bond.
- Get creative with virtually any paper type, from plain paper to specialty stocks, including coated papers, transparencies, watercolor and backlight films.
- Works with Epson's complete line of media and many watercolor papers from third-party manufacturers — perfect for professional photographers and fine artists.
- Print color accurate pre-film proofs on DuPont/EPSON professional proofing papers that simulate a wide range of printing processes.

High-Capacity Dual Paper Tray Capability

- Standard 250-sheet paper cassette handles 4"x6" to 13"x19" media and detects paper level and type to ensure mistake-free printing.
- Optional second 250-sheet paper feeder and cassette multiply your capacity and flexibility.

Superior Connectivity

- Supports Macintosh®, Windows® 95/98, Windows NT.
- Standard Macintosh USB support, parallel, 1.8 Mb/s high speed serial and Type-B Expansion port.
- Optional Internal IEEE 1394 FireWire™ Type-B card.
- Optional Internal 10/100 BaseT Type-B card.



EPSON Stylus Pro 5000 Printer Specifications

Product Ordering Information

EPSON Stylus Pro 5000 with EFI Fiery Printing System

Product code	C228011S
EPSON Stylus Pro 5000 Printer	
Product code	C228011B
Optional EPSON RS-5000 Fiery LX RIP	
Product code	C850071
Optional 250 sheet lower paper tray	
Product code	C812752
Optional EPSON Color Calibrator System	
Product code	C850081
Internal IEEE 1394 FireWire™ Type-B card	C823722
Internal 10/100 BaseT Type-B card	C823632

Additional 1-year EPSON Preferred Plus Service (Printer with RS-5000 Fiery LX RIP)	EPP1011
Additional 2-year EPSON Preferred Plus Service (Printer with RS-5000 Fiery LX RIP)	EPP1012
Additional 2-year EPSON Preferred Plus Service (Printer only)	EPP1022

Cyan ink cartridge	S020147
Magenta ink cartridge	S020143
Yellow ink cartridge	S020122
Black ink cartridge	S020118

Printing Method

Micro Piezo DX3 Drop-on demand ink jet technology with 6 color ink system including cyan, magenta, yellow, light cyan, light magenta, and black

Nozzle Configuration

Monochrome	64 (K)
Color	64 x 5 (CcMmY)

Resolution

1440 x 720 dpi; 720 x 720 dpi; 360 x 360 dpi

Print Engine Speed*

Produces a single 8.5"x11" edge-to-edge, print from 1:36 min:sec to 11:00 min:sec
Produces a single 13"x19" edge-to-edge, print from 3:49 min:sec to 24:41 min:sec
Produces astonishing photo quality 13"x19" prints in under 6 minutes
Produces astonishing photo quality 8.5"x11" prints in under 3 minutes

Connectivity

Bi-directional parallel, 1.8 Mb/s high speed serial, and Type-B Expansion port
USB-to-parallel cable included for iMac or Power Macintosh G3 systems
Fully compatible with Macintosh OS 7.x or higher, Windows 95, 98 and NT

Print Engine Memory Buffer

64kb Standard; upgradeable to 96MB
Uses standard 60ns SIMM's Fast Page Mode Only (3 slots)
Extra memory buffer is used for client free printing of multiple copies only; not all resolutions support multiple copy mode

Printer Language

EPSON ESC/P 2 and Adobe PostScript 3 software drivers with Pantone Calibrated Approved colors standard
Adobe PostScript 3 with optional EPSON RS-5000 Fiery LX RIP

Paper Capacity

Standard Cassette:	250 sheets
Optional Cassette:	250 sheets
Output Tray:	75 sheets at 24 lb Bond
Single sheet straight-through paper feeder standard	

Printable Area

Margins for Super B/A3 13"x19" media:			
Top	.13"	Bottom	.56"
Right	.13"	Left	.13"

Maximum Printable Area

12.69" x 18.33"

Paper Handling

Size:	4"x6" up to 13"x19" cut sheet
Weight:	Up to 200 lb bond
Types:	Plain, glossy, matte, transparency, and various watercolor stocks

Acoustic Noise Level

Approx. 47 db(A) (according to ISO 7779)

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"

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:	2,000 Million dots/nozzle

Ink Cartridge Print Capacity (360 dpi @ 5% duty)

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 Cartridge Shelf Life

2 years from production date

Warranty

One year EPSON Preferred Protection Plan with next business day exchange. Immediate answer toll-free phone support with personal PIN ID

* Based upon print engine speed only. Total throughout times depend upon front end RIP, file size, printer resolution, ink coverage, networking, etc.

EPSON Professional Quality Media



The EPSON Stylus® Pro 5000 offers complete media flexibility to meet the needs for professional print production, graphic design, photography, or fine art. You can print on a wide range of media types including plain paper, Epson specialty stocks such as transparencies and glossy film, as well as standard watercolor and DuPont/EPSON professional proofing grade papers.

For accurate pre-film proofing the best choice is DuPont/EPSON proofing media. The high quality DuPont/EPSON commercial and publication grade stocks were designed to take full advantage of the EPSON Stylus Pro 5000 DX3 print head and DuPont's CromaNet® color profiles*. You can't find a better quality paper to use for all proofing applications.

Professional Media Line

DuPont/EPSON Professional Proofing Papers simulate the surface and background color of popular printing stocks. DuPont® and EPSON are working toward bringing you the widest possible paper choices for all your pre-press proofing needs.

DuPont/EPSON Commercial Grade Stock - Bright White Glossy

Super B Size (13"x19") (100 sheets) S041160

DuPont/EPSON Commercial Grade Stock - Matte

Super B Size (13"x19") (100 sheets) S041203

Super B Size (13"x19") (20 sheets) S041201

DuPont/EPSON Publication Grade Stock

Super B Size (13"x19") (100 sheets) S041207

Super B Size (13"x19") (20 sheets) S041205

Standard EPSON papers are your best choice for everyday work, including presentations, graphic arts comps and layouts, professional-level digital photography and fine art printing.

EPSON Professional Media

EPSON Photo Paper S041271

Letter Size (8.5"x 11") (100 sheets)

EPSON Photo Paper S041272

Letter Size (8.5"x 11") (500 sheets)

EPSON Photo Paper S041143

Super B Size (13"x19") (20 sheets)

EPSON Matte Paper - Heavyweight S041263

Super B Size (13"x19") (50 sheets)

EPSON Photo Quality Inkjet Paper S041062

Letter Size (8.5"x 11") (100 sheets)

EPSON Photo Quality Inkjet Paper S041069

Super B Size (13"x19") (100 sheets)

EPSON Photo Quality Glossy Paper S041124

Letter Size (8.5"x 11") (20 sheets)

EPSON Photo Quality Glossy Paper S041133

Super B Size (13"x19") (20 sheets)

EPSON Photo Quality Glossy Film S041072

Letter Size (8.5"x 11") (15 sheets)

EPSON Photo Quality Glossy Film S041074

Super B Size (13"x19") (10 sheets)

EPSON Inkjet Transparencies S041064

Letter Size (8.5"x 11") (30 sheets)

EPSON Photo Quality Self-Adhesive Sheets S041106

A4 Size (8.3"x 11.7") (10 sheets)

* Available with optional EPSON RS-5000 Fiery LX RIP

EPSON RS-5000 Fiery LX RIP



As a fully configured system, the EPSON Stylus Pro 5000 has been accepted by pre-press and print production professionals as a standard for pre-film proofing. With its exceptional print quality, ease of use and productivity, the EPSON Stylus® Pro 5000 Fiery LX printing system has been designed to meet the needs of graphics professionals. Epson and EFI® have joined forces to offer an optional stand-alone Fiery LX RIP for the EPSON Stylus Pro 5000. It gives you the power to simultaneously spool, RIP and print jobs over your entire network, plus complete Web support and sophisticated color management. Epson and DuPont have joined together to offer accurate color profiles for a wide range of printing and proofing applications.

Main Feature Set

High-Performance External Fiery Server

- True Adobe® PostScript® 3™ offers advanced page and text handling features.
- RIP-While-Print® technology allows the controller to simultaneously process and print pages while Continuous Print™ prevents the engine from cycling down for 100% printer efficiency.
- The ability to spool, RIP and print simultaneously from both Macintosh and Windows platforms allows for seamless integration into any user's workflow, resulting in greater productivity.
- Fiery Spooler and Fiery Downloader utilities provide control over all aspects of printing from remote workstations.
- Comprehensive job accounting automatically keeps track of job details, essential for accurate client accounting. The job log can be exported for integration into the user's accounting system.
- Total Web support includes a built-in HTML Web page. Fiery WebTools™ provide enhanced job management capabilities via a company intranet or internet. Remote users can upload and install printer files on their workstations, retrieve printer status information and change job parameters.

Professional-Level Color Management System with ColorWise ProTools

- Fully adjustable CMYK color correction with Fiery ColorWise ProTools, including Dot Gain adjustments for precise hardware color control.
- Optional Epson Color Calibration system for complete hardware linearization and profile updating.
- Offers simulation for DuPont WaterProof®, Imation Matchprint, Cromalin®-Euroscale, Fuji Color-Art, SWOP DIC standards.
- DuPont WaterProof® and Cromalin® simulations were created by DuPont using CromaNet™ technology for enhanced color accuracy.
- Full compatibility with ICC and Apple ColorSync Profiles.

Convenient LCD Display with Activity Lights

- Easy to read LCD provides RIP and print status plus configuration information from the control panel.

Superior Connectivity Support

- Standard 10/100 BaseT and 10 Base5 AUI connections support EtherTalk, TCP/IP and NOVELL IPX protocols.
- Standard support for Macintosh, Windows 95/NT, and UNIX assures every network user is compatible.

Complete Color Control with ColorWise ProTools from EFI



Fiery ColorWise ProTools Main Menu



CRD and ICC Profile Management System



Profile Curve Editor

EPSON RS-5000 Fiery LX RIP Specifications

Optional EPSON RS-5000 Fiery LX RIP

Hardware Specifications

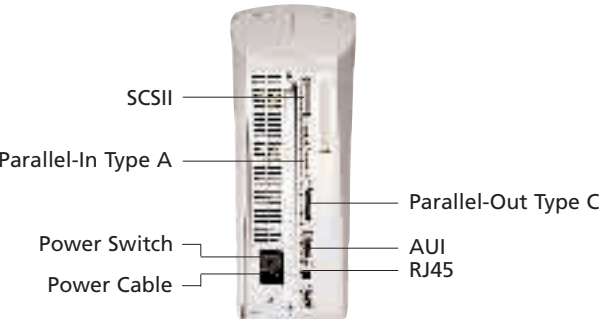
EFI Fiery Processor	MIPS R4700 CPU @ 133 Mhz Fiery RipChips control memory, network, and printer communications
Standard Memory	64MB high speed memory
Spooler Hard Drive Support	2.1 Gigabyte EIDE 3.5" hard disk drive
LCD Display	Fiery LX control panel for status and control

Language Specifications

Page Description Language	Adobe PostScript 3 - fully PDF workflow ready.
Standard Fonts	136 Adobe Type 1 Roman PostScript scaleable Fonts
Rip-While-Print™	Processes and prints files simultaneously while driving EPSON Stylus Pro 5000 at its maximum rated print speeds
Continuous Print	Prints to the EPSON Stylus Pro 5000 with no print engine down time
Fiery Utilities	
ColorWise Pro Tools	Professional level color management system with complete CMYK curve control, including dot gain adjustments. Fully ICC and Apple ColorSync ready
Fiery Spooler	Print spooling and job management as well production tracking
Fiery Downloader	Downloading of graphics files and complete font management
Fiery WebTools	WebInstall, WebLink, WebSpooler, and Web Status. Fully compatible with any web browser software

Networking Specifications

Network Protocols	EtherTalk Phase 2, TCP/IP, and NOVELL IPX 802.2 and 802.3 frame types. Simultaneous AutoSwitching among protocols
Network Connections	10/100BaseT support included on board, no additional card needed AUI (10 Base5, 10 Base2 with external transceiver– not included) RJ45 (Ethernet) BNC w/transceiver (not included)



EPSON Preferred Protection Plan



The EPSON Stylus Pro 5000 comes with a full one year EPSON Preferred Warranty Program that gives you immediate toll free access to specially trained technicians to answer your questions. And for service second to none, if a hardware failure is found, you can expect to receive a replacement printer within the next business day.

Top of the Line Protection Plan

Direct Toll-Free Access

The EPSON Preferred Protection Plan includes an exclusive, toll-free number with direct access to technical support representatives dedicated to our EPSON Stylus Pro 5000 customers. You enjoy immediate, hassle-free phone support: Operating Hours: Mon.-Fri. 6am to 8pm Sat.-Sun. 7am to 4pm (PT).

Worry-Free Productivity

Your business depends on the consistent performance of your digital color proofing system. So your EPSON Preferred Protection Plan also comes with a worry-free product exchange. In the unlikely event our representatives can't solve a technical problem over the phone, we'll supply you with a replacement unit usually within the next business day.

Extended Coverage

If you opt for longer-term support, our optional EPSON Preferred Plus Protection Plans extend the same valuable warranty for an additional one or two year term. You can continue to take advantage of the same excellent access to technical support and guaranteed replacement units to keep your EPSON Stylus Pro 5000 up and running. For information on the optional EPSON Preferred Plus Protection Plans, please see your dealer or call EPSON at 1-800-241-5373.

EPSON Preferred Protection Plan*

- 12-month protection plan
- Custom PIN for toll-free, priority technical support
- Access to specially trained technical representatives
- Next business day product exchange, if any hardware failures are found

Optional One Year EPSON Preferred Plus Protection Plan**

- Additional 12-month protection plan
- Same great benefits of toll-free access, technical support and product exchange
- Purchased with printer or anytime within first 10 months of ownership

Optional Two Year EPSON Preferred Plus Protection Plan

- Additional 24-month protection plan
- Same great benefits of toll-free access, technical support and product exchange
- Purchased with printer or anytime within first 10 months of ownership

* Included with the purchase of your EPSON Stylus Pro 5000

** Only available for printer with RS-5000 Fiery LX RIP

YOU'VE GOT TO SEE IT IN **EPSON** COLOR.™



Electronics
for Imaging™


Adobe PostScript 3™



USA: Call 1-800-241-5373 for the nearest dealer location EPSON America, Inc. 3840 Kilroy Airport Way, Long Beach, CA 90806

Canada: Call 1-800-241-5373 EPSON Canada, Ltd. 550 McNicoll, Willowdale, Ontario M2H 2E1 Fax 416-498-4574

Latin America: Call 1-305-265-0092 EPSON Latin America Inc. 6303 Blue Lagoon Drive, Miami, FL 33126 Fax 301-265-0097

Website on the internet at <http://prographics.epson.com>.

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