It was only a matter of time before our engineers found a way to push ink jet technology to the next level. By incorporating the most innovative technologies Epson has to offer, this could possibly be the most advanced photographic printing technology ever produced.

Introducing the All-New Epson Stylus Pro 4900.
Representing our next generation, the Epson Stylus Pro 4900 incorporates our latest technological achievements in professional photographic imaging.

Epson UltraChrome® HDR Ink continues to set the standard for all other pigment-based ink technologies. Now utilizing ten colors — including an all-new Orange and Epson UltraChrome HDR Ink produces the widest color gamut ever from an Epson Stylus Pro printer. Even more remarkable, by combining the ink set with our AccuPhoto™ HDR screening technology, Epson engineers have once again raised the level of print quality, achieving the highest level of color accuracy, while setting a new benchmark for photographic reproducibility.

Our advanced MicroPiezo TFP print head is a capable of producing higher quality prints at speeds up to twice as fast as our previous generation. And, with our patent pending cutting and dual nozzle verification technologies, clogged nozzles are virtually eliminated. Handling virtually any media type, in both roll or cut sheets up to 17 inches wide, the Epson Stylus Pro 4900 continues to set the standard for professional media use. And for the first time, you can have both the front paper tray and roll feeder loaded with different media types and automatically switch between them as you print.

In partnership with X-Rite®, Epson has developed a high performance, in-line spectrophotometer for commercial proofing applications. When driven by the latest front-end RIPs, Epson’s SpectroProofer® automatically calibrates any color management process in your workflow, making the Epson Stylus Pro 4900 the perfect solution for the most demanding local and even remote proofing applications. Whether producing sellable color or black-and-white photography, fine art reproductions, or color accurate commercial and flexographic proofs for client approvals, never before have creative professionals had such a powerful tool, allowing them to produce their vision without compromise.

Welcome to our next generation.
Our Next Generation of Photographic Printing

- A new standard has been set with Epson UltraChrome HDR ink technology
- Extreme color gamut, especially within the midtone-to-highlight color ranges
- Epson’s AccuPhoto HDR screening redefines photographic accuracy, color and clarity
- The combination of these technologies represents a significant improvement in photographic ink jet printing

Quite possibly the most advanced photographic printing technology ever produced.

Advanced Black-and-White Printing Technology

- Unique driver technology takes full advantage of our three-level black system to produce professional black-and-white prints from color or grayscale image files
- Advanced 12-bit Epson screening technology developed specifically for black-and-white printing
- Produces a truly consistent image with no color crossovers or color casts
- Some of the world’s greatest black-and-white prints are being produced with this technology

Automatic Roll and Cut-Sheet Feeding

Now you can have both the front paper tray and roll media feeder loaded at the same time, while auto-switching as you see fit. It’s the ideal feature when you require automated printing across two different paper types, bleed styles and/or sizes.
Rethink Commercial and Flexographic Proofing

- Quite possibly the highest quality contract color proofing system available today.
- Extreme color gamut makes it possible to test and client-specific colors exactly.
- Custom IC-Match™ to accurately match 98% of the PANTONE® FORMULA GUIDE solid coated.
- Superior color consistency, proof after proof and day after day.

- Capable of managing higher proofing volumes for increased productivity.
- Capable of proofing almost any other printing method — even packaging and label printing.

- Legendary Epson durability for virtually maintenance-free proofing 24/7.
- Certified by PANTONE® to accurately match 98% of the PANTONE® FORMULA GUIDE solid coated.
- Black ink, white ink, and continuous tone knockout options included.
- Built-in print dryer to accelerate the dry-down and reading process.

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Unique Print Head Technology

- High-Precision Ten-Channel MicroPzi® TFP Print Head
  - Thin Film Piezo (TFP) print head design capable of handling ten separate ink channels
  - One-inch-wide, high performance print head with 360 nozzles per channel
  - Auto-sharhing Black ink channel technology
  - Low vibration maintenance for highly accurate dot shape and placement
  - Ink-repelling coating for dramatically reduced nozzle clogging
  - Produces variable-sized droplets as small as 3.5 picoliters to greatly decrease print times while maintaining photographic quality

AutoPhoto HDR Screening

- Advanced ten-color screening algorithm resulting in prints with superior color and clarity
- Maximum resolution of 2860 x 1440 dpi for incredibly sharp text and fine art
- Produces extremely fine blends and photographic transitions
- Extremely accurate highlight-to-shadow details
- No visible photographic graininess due to the printing process
- Ensures consistent color balance regardless of the viewing light source
- When combined with the precise dot placement accuracy of the MicroPzi® TFP print head, overall photographic print quality is dramatically improved

Automatic Print Head Alignment

- Built-in sensor performs highly precise alignments of all color channels
- Automatically aligns both single- and bi-directional print modes

Automatic Nozzle Verification and Cleaning

- Embedded sensors quickly verify nozzle status without using media and automatically clean the print head if required
- System is user configurable to meet your specific nozzle verification requirements

Epson UltraChrome HDR Ink Technology

Next Generation Ten-Color Pigment-Based Ink System

- Unique High Dynamic Range (HDR) pigments for an extremely wide color gamut
- Ten-color printing system including all-new Orange and Green inks
- Certified by PANTONE to cover 98% of the PANTONE FORMULA GUIDE solid coated
- Designed to work with AccuPhoto HDR screening technology
- Professional print permanence
- Outstanding short-term color stability for mission critical proofing applications
- Improved Microcrystal Encapsulation™ technology for reduced gloss differential
- Improved black density up to 2.6 with an L* value >30

Three-Level Black Ink Technology

- Simultaneously uses Black, Light Black, and Light Light Black inks
- Significantly improves the gray balance while eliminating color casts
- Outstanding highlight-to-shadow grayscale accuracy for a smoother tonal range
- Extremely reduced color inconsistency ensuring uniform color under almost any lighting condition
- Virtually eliminates any bronzing of basic pigment chemistry
- Enhances the ICC profiling process for ColorSync® and WCS workflows

Automatic Black Ink Mode Switching

- Both Photo and Matte Black ink cartridges are installed simultaneously
- Depending upon your media type or driver setting, the printer will automatically switch to the correct black ink type
- Switching can occur automatically or provide a warning before proceeding
- Highly-efficient print head design ensures fast switching with minimal ink usage
- Automatically ensures optimum black ink density, regardless of media type used

Next-Generation Print Engine Technology

Professional Media Handling

- Compatible with virtually any media type, in roll or cut sheet, from letter up to 17 inches wide
- Built-in high-capacity paper tray handling up to 250 sheets of plan paper, or up to 100 sheets of premium paper as large as 17" x 24"automatically switching between front high-capacity paper tray and automatic roll media feeder
- Four-built-in media paths including roll feed, front paper tray, top manual feeder, and a straight-through, front manual feeder that handles cut sheets up to 15 mm thick
- Printer and driver based media identification and synchronization system for virtually error-free media use

ePlaten® Media Loading Technology

- Accurate media loading, movement, slew adjustment and tracking
- User-adjustable, dual-tension, roll media spindle accepts either 2- or 3-inch media cores
- Electronically controlled roll media back tension
- Automatic roll media rewind upon media release

Roll Media Length Tracking and Identification System

- Real-time automatic remaining roll media length counter
- Auto barcode tagging of remaining roll media information for faster reloading
- Very useful for tracking partially used media rolls

High Performance Rotary Cutting System

- Durable rotary cutter designed to be virtually maintenance free
- High performance cutting speeds
- Off-carriage cutting system eliminates media dust within critical components
- Capable of cutting virtually any roll media type, including most canvas and fine art papers

High Performance Print Engine Speeds

- SuperPhoto – 2880 dpi HS 2:26 4:04 6:48
- SuperFine – 1440 dpi HS 1:28 2:31 4:11
- Fine – 720 dpi HS 0:59 1:42 2:46

- 8” x 10” 11” x 14” 16” x 20”

- Utilizing our latest print head technology, the Epson Stylus Pro 4900 is the fastest professional desktop printer Epson has ever produced. Check out these numbers:

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1. Photographic graininess could still be visible if present in the actual file being printed.
2. When printing on Epson Proofing Paper White Semimatte at 2880 x 1440 dpi.
3. Dmax and L* values are based on Epson Premium Luster Photo Paper (260).

Superior Connectivity

- Standard connectivity includes one USB 2.0 and one 10/100 BaseT Ethernet port
- Professional Epson Photographic Drivers for Macintosh® and Windows®
- Fully supported by most leading third-party software RIPs and workflows

New Quiet and More Power-Efficient Design

- Significantly reduced noise while printing, making it ideal for home office or studio use
- Virtually silent when powered ‘On’ and idle — less than 6.1 dB(A)
- ENERGY STAR® compliant — uses only about 8.5 watts while in Sleep Mode
- User controlled sleep and power management system for maximum efficiency

World-Class Service and Support

- Includes one year of limited coverage under the Epson Preferred™ Protection Plan with toll-free telephone support available Monday through Friday and usually next-business-day whole unit exchange
- Optional one- or two-year Epson Preferred Plus service plans available

True Roll-Based BorderFree® Printing

- Capable of printing off both left and right edges of roll-based media, while automatically cutting the tip and bottom edges to create a full-bleed print
- Fully trims your photographic prints, faster and safer than by hand

Epson Intelligent High-Capacity Ink System

- Newly-designed ink cartridge technology ensures reliable ink delivery at all print speeds, while dramatically reducing the physical size of the ink cartridges
- Eleven individual ink cartridges available in 200 ml HI capacities
- On-the-fly ink cartridge replacement for increased productivity

Easy-to-Use Front Control Panel

- 2.5-inch high-resolution color LCD for improved viewing of printer status
- Simple button layout for all navigation and basic printer functions
- All-new ‘ink’ button to quickly access key actions such as manual or automatic print head cleaning or nozzle verification
- Built-in printer warming lamp for easy identification across a large space

Epson Signature Worthy Papers

- The Signature Worthy family of papers covers both photographic and fine art applications
- Only the highest quality Epson papers receive the Signature Worthy® designation
- Signature Worthy papers represent the finest in color fidelity, smooth tonal transitions, exceptional black density and longevity
- Used by the most demanding creative professionals; considered by many to set the benchmark standard in high-end digital imaging
- The Signature Worthy family of papers covers both photographic and fine art applications
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- Visit promagizing.epson.com for more details

High Performance Print Engine Speeds

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Epson America, Inc.: 3840 Kilroy Airport Way, Long Beach, CA 90806
Epson Canada, Ltd.: 3771 Victoria Park Avenue, Toronto, Ontario M1W 3Z5
Internet website: www.proimaging.epson.com

Epson Stylus Pro 4900 Specifications

**Printing Technology**
Advanced MicroPiezo TFP print head with ink repelling coating technology
10-channel, drop-on-demand, ink jet print head
11-cartridge (G, C, M, Y, K, Lk + PK or MK)
Auto head alignment and cleaning technology
Auto sharing black ink channel
Epson UltraChrome HDR Ink technology
Professional-level pigment-based ink technology

**Nozzle Configuration**
Color and Monochrome: 360 nozzles x 10

**Drplet Technology**
Smallest droplet size: 3.5 picoliters
Variable Droplet Technology produces up to three different droplet sizes per print line

**Epson Intelligent Ink Cartridges**
- **Starter cartridge fill volume**: 80 ml x 11 total colors (used for initial fill at setup)
- **Replacement cartridge fill volume**: 200 ml each color x 11 colors total
- **Ink cartridge shelf life** (recommended): 2 years from printed production date or 6 months after open

**Resolution**
- 2880 x 1440 dpi; 1440 x 1440 dpi; 1440 x 720 dpi
- 720 x 720 dpi; 720 x 360 dpi; Draft 360 dpi; Draft 180 dpi

**Printer Language/Drivers**
Epson ESC/P® 2 raster photographic drivers standard
Optional PANTONE licensed and Adobe PostScript RIP by EFI® (EFI eXpress included only with Designer Edition bundle)
Supported by most leading third-party RIPs

**Print Engine Speeds**
- 8” x 10” prints from 1:42 to 4:04 — Normal is 2:31
- 8” x 10” prints from 0:59 to 2:26 — Normal is 1:28

**Print Permanence**

**Media Handling**
- **Loading capability**: Roll and sheet media loaded simultaneously
- **Weight**: 12 lb bond (0.08 mm) minimum, up to 15 mm posterboard
- **Roll media**
  - Single roll, 8” up to 17” width
  - Media core compatibility: Roll media adapters accept either 2” or 3” media cores
- **Max. roll media diameter**: 6” (when using a 3” core)
- **Cut-sheet**: 8” x 10” up to 24” media all paper paths
- **Auto-loading cassette**: 0.08 to 0.27 mm thick media
- **Output tray capacity**: 20 to 250 sheets based on media type and size
- **Rear manual feed**: Single sheet, 0.08 to 0.79 mm
- **Straight-through path**: Single sheet, 0.8 to 1.5 mm For fine art and thick media

**BorderFree Roll Printing**
- Left and right borderless “bled” printing available for the following roll media widths: 8”, 11”, 13”, 14”, 16”, 16.5”, 17”
- Top and bottom edges can be automatically cut to any length when printing on roll media. Spacer required for 8”, 11”, and 16.5” widths

**Media Cutting**
- 8” roll media
- 8” x 10” up to 17” x 24” media
- Left and right borderless “bleed” printing
- Roll media: Single roll, 0.08 to 0.27 mm thick media
- Straight-through path: Single sheet, 0.8 to 1.5 mm

**Printer Interfaces**
- Includes as standard one Hi-Speed USB 2.0 (1.1 compatible) and one Ethernet port (10/100Base-T)

**Weight/Dimensions**
- **Printer weight**: 115 lb
- **Dimensions**: 34” (W) x 30” (D) x 16” (H)
- **Boxed printer weight**: 140 lb
- **Dimensions**: 40” (W) x 36” (D) x 26” (H)

**Electrical Characteristics**
- **Voltage**: AC 100 – 240 V
- **Frequency**: 50 – 60 Hz
- **Power consumption**: Operating: 52 W
- **Off (standby)**: < 8.5 W
- **Sleep**: < 0.5 W

**Printer Specifications**
- **Epson Stylus Pro 4900 printer**
- **Design Edition** (Also includes EFI eXpress RIP for Epson)
- **SpectroProofer Powered by X-Rite**
- **Print Quality**
- **Epson UltraChrome HDR Ink** (200 ml)
- **Photo Black ink cartridge**
- **Cyan ink cartridge**
- **Vivid Magenta ink cartridge**
- **Yellow ink cartridge**
- **Light Cyan ink cartridge**
- **Vivid Light Magenta ink cartridge**
- **Light Black ink cartridge**
- **Matte Black ink cartridge**
- **Light Light Black ink cartridge**
- **Orange ink cartridge**
- **Green ink cartridge**

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