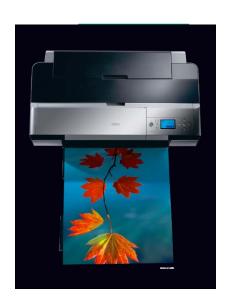# Epson Stylus Pro 3850

BE INSPIRED

Over the past decade, Epson has been inspired by the way Creative Professionals embraced technology to realize their vision. Perhaps that is why Epson works so closely with industry professionals before developing any new Epson Stylus Pro product.

Introducing the all-new Epson StylusPro 3850.

Designed from the beginning to exceed all expectations, the Epson Stylus Pro 3850 incorporates an all-new, 17-inch wide printer design, along with a radical new photographic screening technology. And, when it is combined with our breakthrough Epson UltraChrome K3 Ink, it will deliver your Advanced MicroPiezoAMCprint head technology creative vision without compromise.

Epson UltraChrome K3 Ink technology has produced some of the world's greatest images. Inspired by our past generations of pigmented ink, Epson UltraChrome K3 incorporates a three-level Black, along with new color pigments, to dramatically raise the bar for professional color and blackand-white prints. The standard has been set.

Welcome to the future of print head technology

8-channel print head with Auto-sharing Black Ink technology

- Innovative, new print head design allows for all nine inks to be installed simultaneously

- Without any user intervention, the printer automatically switches between Photo and Matte Black ink while utilizing the same physical ink channel

New, ultramodern photographic screening technology

- Highly precise screening technology uses a radical new algorithm for determining dot placement, resulting in an extreme level of photographic image quality

- Produces extremely fine, photographic prints, even in bi-directional and lower resolution print modes

- Compensates for various ink densities between resolutions — allowing for a single ICC profile to be used per media type

*Advanced print head technology
Precise, 8-channel print head
with Auto-sharing
Black ink and ultramodern
screening technologies.*

Advanced MicroPiezo® AMC™ print head technology

- One-inch wide, high performance print head offers a maximum resolution of 2880 x 1440 dpi

- Produces variable-sized droplets as small as 3.5 picoliters to greatly decrease print times, while optimizing photographic quality

- Proprietary Active Meniscus Control (AMC) technology precisely controls the curvature of every ink droplet within each nozzle before releasing it onto the media

- Extremely sharp and accurate placement of ink droplets consistently delivers outstanding photographic print quality from sheet to sheet

Automatic print head alignment and cleaning technology

- Built-in sensor reads printed data for highly precise alignment of all color channels

- Built-in sensor analyzes a printed nozzle check pattern and automatically cleans the print head if any problems are found — even partially clogged nozzles

Epson UltraChrome K3 Ink technology

Advanced 8-color, pigment-based ink system

- Unique, high-density pigments for an extremely wide color gamut

- Professional print permanence ratings for truly sellable quality prints

- Microcrystal Encapsulation™ Technology for reduced gloss differential

- Superior scratch resistance from improved pigment and resin chemistry

- Stable color immediately after printing — no short-term color shifting

- Black density up to 2.3 with an L^* value as low as 4.1†

Three-level Black ink technology

- Simultaneously uses Black, Light Black, and Light Light Black ink

- Significantly improves the gray balance while eliminating color casts

- Delivers impressive midtones and highlights for a smoother tonal range

- Virtually eliminates the metamerism and bronzing of pigmented ink

- Enhances the ICC profiling process for ColorSync™ and ICM™ workflows

New, high precision print engine technology

Easy-to-use control panel

Exclusive 17-inch wide printer design

- All-new print engine technology that takes full advantage of the latest in precision mechanical design, resulting in a significant reduction in overall printer size and weight

- Incredibly quiet operation, perfectly suited for even home use

- Large, 2.5-inch, backlit LCD control panel for easy, direct printer control and operational status monitoring

Professional media handling

- Prints on virtually any type of cut-sheet media from 4 x 6 up to 17 x 22

- Top-loading, high-capacity paper feeder handles up to 120 sheets of plain, letter-sized paper or up to 20 sheets of photographic media

- Second, top-loading, manual sheet feeder accommodates thick fine art paper up to 17 inches wide

- Front-loading, straight-through, manual sheet feeder handles media up to 16 inches wide, up to 1.5 mm thick poster board

- Supports manual printing on both sides of specialty media

- Prints on select BorderFree®, cut-sheet media from 4 x 6 up to 17 x 22

High performance print engine speed

Print Mode	8" x 10"	11" x 14"	16" x 20"
SuperFine – 1440 dpi HS	2:03	3:18	5:32
SuperFine – 1440 dpi	4:08	6:39	10:59
SuperPhoto – 2880 dpi HS	3:50	6:04	9:46
SuperPhoto – 2880 dpi	7:47	12:15	19:40

Print speeds are shown in min:sec. HS = High Speed Print Mode (Bi-directional Print Mode)

Epson intelligent, high-capacity ink system

- All-new, pressurized ink cartridge technology ensures reliable ink delivery at all print speeds, while dramatically reducing the physical size of the ink cartridges

- Nine, individual, 80 ml ink cartridges enable truly professional printing

- On-the-fly ink cartridge replacement facilitates increased productivity

Superior connectivity

- Standard ports include one 10/100Base-T Ethernet and one Hi-Speed USB 2.0 (1.1 and 2.0 compatible)

- Standard Professional Epson Photographic Drivers for Macintosh® and Windows®

- Optional Epson Stylus RIP Professional 3.0 for PostScript Level 3.0 support

- Fully supported by most leading, third-party RIPs and workflows — Epson Stylus Pro series printers are used within the most demanding professional photography and graphic design environments

Epson PrintJob™ information system

- Built-in printer memory automatically tracks key print job statistics, such as ink and media usage, remaining media, data file and user names, print times and more

- Makes it easy to download reports from printer memory or print them

Target Markets:

- Professional Photography / Fine Art

- Portrait / Wedding Photography

- Graphic Design – Ad agencies, print house etc.,

- Pre-press proofing

- Architecture – Interior designer, 3D CAD drawing etc.,