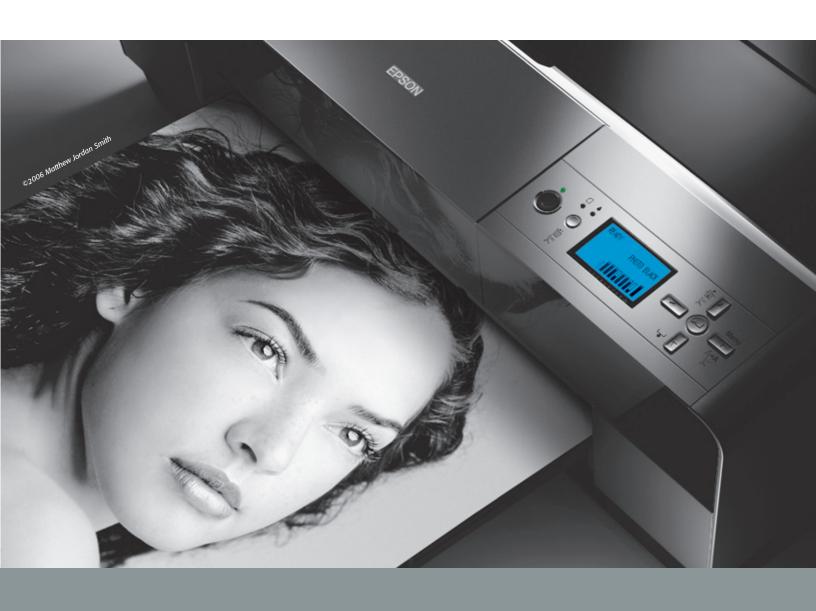**EPSON**®
EXCEED YOUR VISION

Epson Stylus® Pro 3800

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.

Together, we have set the standards by which all other photographic imaging technologies are measured. So, when Epson decided to further push the limits of photographic imaging technology, we once again looked to the industry for answers.

Introducing the all-new Epson Stylus Pro 3800.

Designed from the beginning to exceed all expectations, the Epson Stylus Pro 3800 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 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 black-and-white prints. The standard has been set.

Even more remarkable, our latest high performance, one-inch wide print head now incorporates a new Auto-sharing Black Ink technology, allowing both Photo and Matte Black ink to be installed simultaneously.

Capable of handling virtually any type of cut-sheet media up to 17 inches wide, the Epson Stylus Pro 3800 incorporates a high-capacity paper feeder that can accommodate sizes from 4x6 up to 17x22. Continuing to set standards in media flexibility, we've developed various ways of loading media, including a front-loading, straight-through path capable of handling media up to 1.5 mm thick and even a second, top-loading, single-sheet feeder optimized for fine art papers.

Imagine producing archival prints with amazing color fidelity, gloss-level and scratch resistance, while providing consistently stable colors that significantly outperform lesser ink technologies. Imagine producing professional neutral and toned black-and-white prints with higher density levels and virtually no metamerism or bronzing.

The Epson Stylus Pro 3800 represents a level of imaging technology unprecedented in Epson's history. The extreme precision of an Epson Stylus Pro print engine, along with the extraordinary performance of Epson Ultra-Chrome K3 Ink, results in your image being masterfully printed, without any signs of how it was produced. Prepare to be inspired all over again.

THE WORLD'S GREATEST IMAGES ARE PRINTED ON AN EPSON.

Epson UltraChrome K3 Ink technology
The industry benchmark for professional color and black-and-white prints. The standard has been set.

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

Easy-to-use control panel
Large, 2.5-inch, backlit LCD screen for direct printer control and operational status.

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 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 PreciseColor technology

In order to ensure consistent printing between multiple Epson Stylus Pro printers of the same model, Epson has enhanced the production process to include colorimetric calibration. This system evaluates and adjusts each printer at the manufacturing stage, assuring you'll get consistent color output from printer to printer.

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

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

- Includes proprietary Epson screening technology, developed specifically for black-and-white printing

- Produces a truly consistent print with no color crossover or color cast

- Represents the standard for producing sellable quality neutral and toned black-and-white prints

Two Auto-sharing Black Ink modes

The Epson Stylus Pro 3800 automatically utilizes two different Black Ink modes — Photo Black or Matte Black. This innovative solution optimizes the Black ink density for various media types. Whether printing on traditional photographic medias or unique, fine art paper, this technology dramatically improves the final print quality.

New, high-precision print engine technology

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 posterboard

- 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 [A]

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)			

† Data based on Epson Premium Semi-gloss Photo Paper at 2880 x 1440 dpi

PROFESSIONAL PHOTOGRAPHY / FINE ART

Allow your vision to shine, from subtle gradations, rich colors to breathtaking black-and-white images. Epson technology results in photographic, professional level prints of uncompromising quality.

©2006 Macduff Everton

PORTRAIT / WEDDING

Capture the moment in stunning black-and-white or rich full color. With flexible media handling from 4x6 to 17x22 along with UltraChrome K3 Ink technology your prints will last for generations.

©2006 Kevin Kubota

GRAPHIC DESIGN

Produce accurate, stable color from your first comps to the final client presentation. Your designs and layouts come to life with Epson printing, ink and media technology resulting in presentations without compromises.

©2006 Bruce Dale

Embark on a memorable excursion across one of Virginia's last remaining covered bridges. The historic Meem's Bottom Covered Bridge was constructed in 1892-93 and extends 204 feet across the north fork of the Shenandoah River. Meem's serves as a portal into our past and is one of the last vestiges of its kind.

enchanting destinations

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 PANTONE® licensed and SWOP® certified PostScript® Language Level 3™ compatible RIP by ColorBurst® (included only with Professional Edition bundle)

- 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

World-class service and support

- Free one-year coverage under the Epson Preferred℠ Protection Plan with toll-free telephone support available Monday through Friday and usually next-business-day, full unit exchange service
- Optional one or two-year Epson Preferred Plus service plans available

Epson Stylus Pro 3800 Print Engine Specifications

Printing Method
Advanced MicroPiezo AMC print head technology
8-channel, drop-on-demand, ink jet print head
9-color (C, Lc, M, Lm, Y, Lk, LLk + PK or MK)
Auto head alignment and cleaning technology
Pigment-based Epson UltraChrome K3™ Ink technology

Auto-sharing Black Ink Technology
Fully automatic switching between Black ink modes
Black ink conversion times

Matte to Photo Black	2:55 min:sec
Photo to Matte Black	1:55 min:sec

Ink used during conversion[B]

Matte to Photo Black	Approx. 4.5 ml
Photo to Matte Black	Approx. 1.5 ml

Nozzle Configuration
Color and Monochrome heads   180 nozzles x 8

Droplet Technology
Smallest droplet size   3.5 picoliters
Variable Droplet Technology can produce up to three
different droplet sizes per print line

Resolution
2880 x 1440 dpi; 1440 x 720 dpi; 720 x 720 dpi;
720 x 360 dpi; 360 x 360 dpi; 360 x 180 dpi

Print Engine Speed[A]
8" x 10" prints from 2:03 to 7:47   -   normal is 4:08
11"x 14" prints from 3:18 to 12:15   -   normal is 6:39
16"x 20" prints from 5:32 to 19:40   -   normal is 10:59

Acoustic Noise Level
Approximately 47 dB(A) according to ISO 7779

Printer Language/Drivers
Epson ESC/P2® raster photographic drivers standard

Optional PANTONE licensed and SWOP certified PostScript
Language Level 3 compatible RIP by ColorBurst (included
only with Pro Edition bundle)

Supported by most leading, third-party RIPs and workflows

Operating Systems Supported
Macintosh   OS X 10.4.7 or higher (universal binary)
Windows   2000 or XP (64-bit also supported)

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

Electrical Requirements
Voltage   AC 110 – 120 V
Frequency   50 – 60 Hz
Current   0.6 A /110 – 120 V
Power consumption
    Operating   Approx. 25 W
    Standby   Less than 5 W
    Power Off   Less than .3 W
Fully ENERGY STAR compliant

Dimensions
27"x 15"x 10" (W x D x H)
Printer weight: 43.2 lb

BorderFree Printing
Complete borderless printing on the following cut-sheet sizes
4" x 6", 5" x 7", 8" x 10", 11" x 14", 16" x 20", 17" x 22"

Printable Area
Maximum paper width	17"
Maximum cut-sheet size	17" x 22"
Minimum cut-sheet size	4" x 6"
Left and right margins	0 or 3 mm each (0.24" total)
Top and bottom margins	0 or 3 mm or 15 mm each
Maximum printable width	17.16" (full bleed, 17" width)

Media Handling
Main top-loading feeder	Up to 17" x 22"
	Up to 120 sheets plain; 20 photo
Second top-loading feeder	Up to 17" x 22"
	Single sheet manual feeder, optimized for fine art paper
Front manual feeder	Up to 16" x 20"
	Straight-through, single sheet manual feeder up to 1.5 mm
Weight	12 lb bond, up to 1.5 mm cardboard

Line Accuracy
+ or – 0.2% of specified page length

Epson Intelligent Pressurized Ink Cartridge[C]
Cartridge fill volume   80 ml each color x 9 colors total
Ink cartridge shelf life   2 years from printed production
                                date or 6 months after opened

On-cartridge I.C. chip automatically tracks several ink usage
data points for use in production cost estimations and reporting

Lightfastness Ratings[D]
Epson UltraChrome K3 Ink   Color: Up to 200 years
                               Black-and-white: Over 200 years

Environmental Characteristics
Temperature
    Operating   50˚ to 95˚F (10˚ to 35˚C)
    Storage   -4˚ to 104˚F (-20˚ to 40˚C)
Relative humidity   20 to 80%
    Operating   40 to 50%
    Recommended Storage   5 to 85% (no condensation)

Safety Approval
Safety standards   UL1950, CSA 22.2 950 FDA
EMI   FCC Part 15 subpart B class B,
                     CSA C108.8 class B
                     AS/NZS 3548 class B

Product/Accessories

Product/Accessories	Part Numbers
Epson Stylus Pro 3800 print engine	C635011UCM
Epson Stylus Pro 3800 Professional Edition w/ ColorBurst RIP	C635011PRO
Epson Stylus Pro 3800 TUMI® cover	C3800TUMI

Warranty
One-year limited warranty in the U.S. and Canada

Additional one-year Epson Preferred Plus service	EPP38B1
Additional two-year Epson Preferred Plus service	EPP38B2
Replacement ink maintenance tank	T582000

Epson UltraChrome K3 Ink	(80 ml)
Photo Black ink cartridge	T580100
Cyan ink cartridge	T580200
Magenta ink cartridge	T580300
Yellow ink cartridge	T580400
Light Cyan ink cartridge	T580500
Light Magenta ink cartridge	T580600
Light Black ink cartridge	T580700
Light Light Black ink cartridge	T580900
Matte Black ink cartridge	T580800

[A] Based upon print engine speed only. Total throughput times depend upon front-end RIP, file size, printer resolution, ink coverage, networking, etc. Normal Mode based on SuperFine - 1440 dpi.

[B] Ink used in conversion varies considerably based on temperature and other factors.

[C] Cartridge yields vary considerably based on images printed, print settings, paper type, frequency of use and temperature. For print quality, a variable amount of ink remains in the cartridge after the "replace cartridge" indicator comes on. The printer ships with full cartridges and part of the ink from the first cartridges is used for priming the printer.

[D] Ink lightfastness rating based on accelerated testing of prints on specialty media, displayed indoors, under glass. Actual print stability will vary according to media, printed 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.
Visit www.wilhelm-research.com for the latest information.

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EXCEED YOUR VISION

27"
15"
10"

EPSON ULTRACHROME K3 INK
ColorBurst® RIP
A PostScript® Language Level 3 compatible RIP
energy ENERGY STAR
TUMI
Mac
Universal