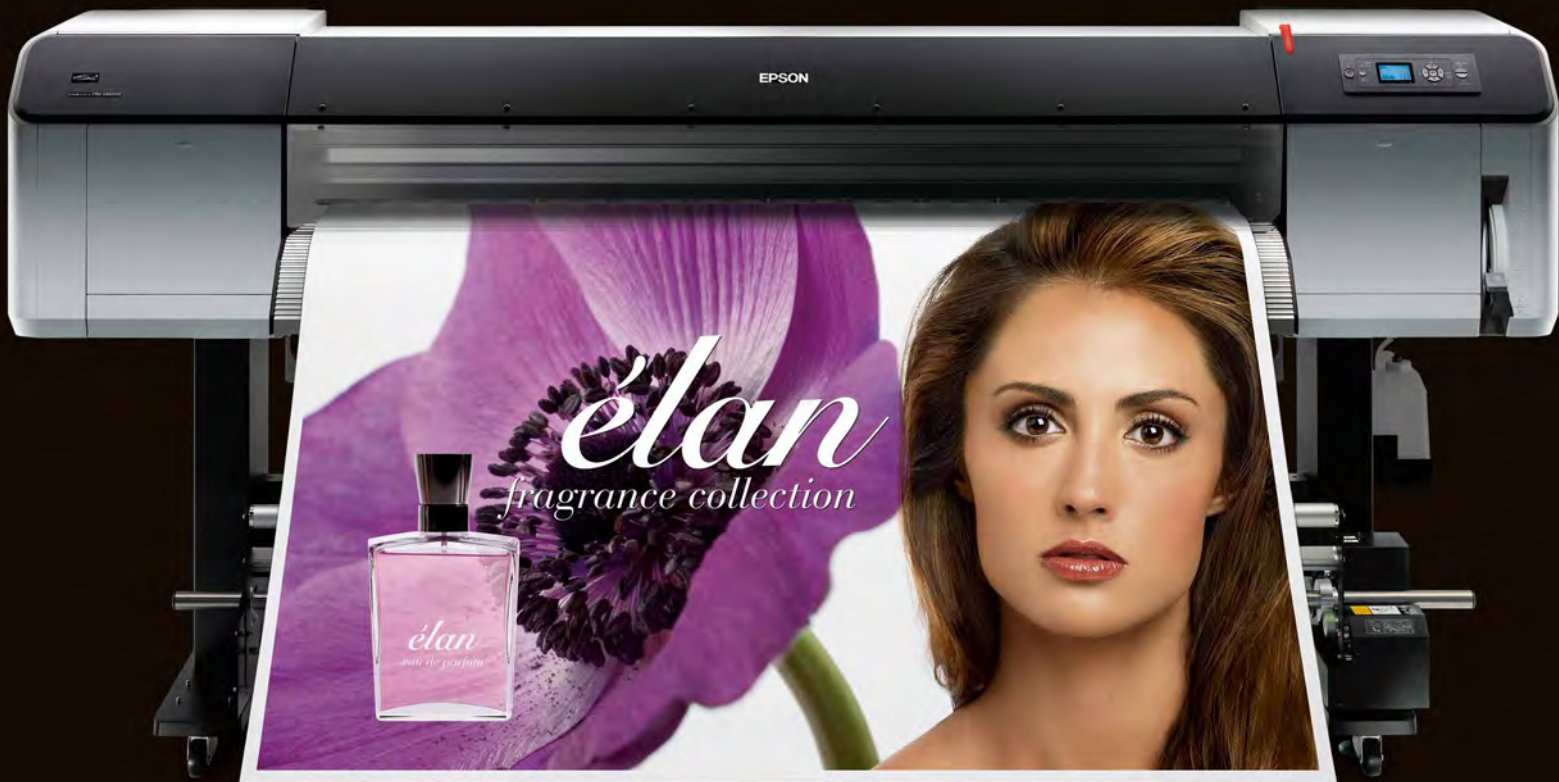


**EPSON**  
EXCEED YOUR VISION

## Epson Stylus® Pro GS6000

REDEFINING THE FUTURE OF PRINTING





64"

Introducing the all-new Epson Stylus Pro GS6000 | The world's most advanced 64-inch wide, solvent-based printer.

When Epson decided to develop a commercial outdoor printer, customer and industry expectations were high. And for good reason. Over the years, Epson has been known to change the way people print, while transforming the industry along the way.

As with any new Epson Stylus Pro printer, we looked to the customer for guidance. And along the way, we received enthusiastic feedback about every aspect of their business. The result? A new generation of solvent-based printing technology designed to inspire your clients while maximizing your profitability.

#### **Introducing the all-new Epson Stylus Pro GS6000.**

Designed to exceed all print quality expectations, the Epson Stylus Pro GS6000 is also the fastest 64-inch wide, roll-to-roll printer in its class. And, with our profit-focused printer design, everyday use is extremely simple, while setting new standards in overall printer reliability and reducing the total cost of ownership. And for the first time ever, Epson has created an all-new, solvent-based ink technology that has less harmful impact on both the environment and worker health, while also being compatible with virtually any solvent-based media.

Inspired by our passion for extreme color gamut and photographic print quality, Epson UltraChrome® GS Ink technology introduces eight individual colors, including an all-new Orange and Green. Developed exclusively by Epson, UltraChrome GS Ink technology eliminates the

need for external dryers and air purification systems. And, not only have we dramatically reduced harmful VOCs, we've completely removed the element Nickel (Ni) from our inks. The result is a high-performance, solvent-based ink technology with stunning color gamut and accuracy, with less impact on the environment.

For unsurpassed print quality up to 91 square-foot-per-hour (SFPH) or everyday production quality printing up to 180 SFPH, we've developed an all-new Dual-Array MicroPiezo™ AMC™ print head. Developed specifically for the Epson Stylus Pro GS6000, our latest print head technology has been completely redesigned for the demands of high-production solvent printing. By combining extreme print quality and high-production print speeds, with remarkable print engine durability, Epson is once again redefining solvent-based printing technology.

Imagine producing prints with amazing color fidelity and accuracy for the most demanding vehicle wrap or decorative fine art project. And, with the same printer, you can produce stunning outdoor banners, posters, and various photographic tradeshow graphics faster than you thought possible.

Whether you're trying to supplement your existing production process or require a single printer to produce virtually any print job that might come your way, the Epson Stylus Pro GS6000 is the ultimate investment for any size printing company. Never before have printing professionals had such a powerful tool allowing them to produce their client's vision without compromise. This is the way it should be.

## THE WAY SOLVENT PRINTING SHOULD BE.



**Epson UltraChromeGS Ink Technology**  
Less harmful impact on worker health and the environment, plus an extreme color gamut utilizing our unique Orange and Green solvent ink.



**Dual-Array MicroPiezo AMC Print Head**  
Designed specifically for the high demands of solvent printing, this is our latest solvent-based print head technology for amazing print quality and fast, production print speeds.



**Intelligent High-Capacity Ink System**  
Eight high-capacity, 950 ml ink cartridges. And, they are hot-swappable so you can replace them while you're still printing!



### The Future of Outdoor Signage and Vehicle Graphics

- True photographic print quality
- High-performance print speeds
- Easy to use and maintain



Attention-Grabbing Vehicle Graphics



**Easy-to-Use Front Control Panel and Error Alert Lamp**  
Large, 2.5-inch LCD panel for easy printer operation, including internal media heater controls. Highly visible Error Alert Lamp quickly alerts the operator of any printer errors.



**Professional Automatic Take-up Reel System**  
Robust take-up reel system for complete, long-run, unattended production.



**Professional Roll Media Handling up to 64 inches Wide**  
Industry standard, rear-in, front-out, roll-to-roll media handling.

## Introducing Epson UltraChrome GS Ink Technology

### Industry-Defining 8-Color Solvent-Based Ink System

- Unique solvent-based chemistry developed by Epson
- Extremely wide color gamut using CMYK, Lc, Lm, Orange, and Green
- Professional outdoor permanence ratings<sup>1</sup>
- Prints on virtually any solvent-based media type – coated or uncoated
- Superior scratch resistance from improved solvent chemistry
- Faster dry times eliminate the need for external dryers

### Less Harmful Impact on Worker Health and the Environment

- Virtually odorless printing with less harmful Volatile Organic Compounds (VOCs)
- No special ventilation or air purification systems required
- No Nickel (Ni) compounds used – a known carcinogen
- Reduced chemical irritants eliminate any special handling requirements

## The Future of Solvent Print Head Technology

### High-Performance Dual-Array MicroPiezo AMC Print Head

- Unique dual print head design capable of handling eight separate ink channels
- One-inch wide print head with 360 nozzles per color
- Advanced Meniscus Control (AMC) technology for precise ink droplet accuracy
- Maximum resolution of 1440 x 1440 dpi for incredibly sharp text and line art
- Variable-sized droplet technology as small as 3.7 picoliters for extreme print quality
- All-new ink repelling coating technology for dramatically reduced nozzle clogging
- Designed specifically for the high demands of solvent printing

## Industrial Quality Print Engine Design

### Intelligent High-Capacity Ink System

- Eight individual, rear-loaded, 950 ml ink cartridges
- Hot-swappable ink cartridge replacement for increased productivity – 3-minute buffer
- Individual ink-level sensors continuously monitor ink usage for maximum efficiency

### Professional Roll Media Handling up to 64 inches Wide

- Industry standard, rear-in, front-out, roll-to-roll media handling
- Heavy roll media support up to 66 lb with a maximum 6.7-inch diameter
- Spindle-free, 3-inch cored roll media support
- Dual-tension media pressure settings for both standard and heavy media weights
- Manually adjustable head height (platen gap) – 1.5 mm or 2.5 mm
- Compatible with media up to 1.3 mm thick
- Easily add, fine-tune and optimize up to 30 different media types

### Robust Automatic Take-up Reel System

- Efficient media take-up reel for unattended production of large print runs
- Aluminum cushioning-type roller for precise media take-up tension
- Standard 3-inch cored receiver roller supports up to 150 lb
- Fine-tune adjustments of both height and side-to-side receiver roller position
- Receiver roller release lever for manual movement of take-up core
- Independent operation and power source from main printer unit

### High-Performance Media Heating System

- Individually controlled pre-, platen-, and post-heaters for optimum media support
- Temperatures can be individually turned 'OFF' or set from 30 to 50 degrees centigrade
- Temperatures can be controlled via front control panel or via front-end RIP software

### Intelligent Preventative Maintenance System

- Four-mode automatic cleaning system for maintaining optimum print quality
- Simple user-focused maintenance process for less downtime
- One full year of maintenance supplies included with printer

### Professional RIP Workflow by ColorBurst<sup>®</sup>

- Standard PANTONE<sup>®</sup> licensed PostScript<sup>®</sup> Language Level 3<sup>™</sup> Compatible RIP
- Multiprocessing/multithreaded RIP supports multiple CPUs for extreme RIP performance and shorter overall print job times
- Simultaneous processing, printing, and job creation with virtually no performance loss
- New intuitive drag-and-drop job queue interface supports simple job re-ordering, and easy job management
- Robust layout functionality includes preview, crop, scale, step and repeat, nesting, and tiling
- Powerful multi-channel ICC color management system supports RGB, CMYK, grayscale and LAB formats, including linearization functionality for consistent and accurate color over time
- Automatic Pantone Color Matching with enhanced accuracy by ColorBurst – Iterative AutoSpot Technology allows custom defined spot colors
- 16-bit screening technology for superior color, tonal transitions, sharpness and text quality
- Included ICC profiling software by X-Rite for easy linearization and custom media profile creation
- Ships with built-in support and profiles for most popular 3M<sup>®</sup> and Avery<sup>®</sup> media types
- Windows<sup>®</sup> based RIP supports both Windows XP and Vista as well as Apple<sup>®</sup> and Windows client workstations



**ColorBurst<sup>®</sup> RIP**

A PostScript<sup>®</sup> Language Level 3 compatible RIP

<sup>1</sup> Outdoor permanence ratings are provided by 3M and Avery. Please visit their websites for more information.

### Superior Connectivity

- Standard connectivity includes one USB 2.0 and one Gigabit Ethernet port
- Utilizes three separate 110 V power inputs – printer, printer heating system, and take-up reel
- Fully supported by most leading third-party RIPs and workflows

### Compatible with the myEpsonPrinter.com™ Service



myEpsonPrinter.com

- Advanced web-based printer information and management system
- Automatically track consumables usage per printer, regardless of location
- Provides real-time, cost-per-print and print-job-run information
- Create various custom reports using actual print job information for better forecasting
- Easily access technical support information, including printer firmware and driver updates, real-time warranty information, and much more
- Provides a true remote-monitoring and alert system for fleet-wide printer management

### World-Class Service and Support

- Included one-year of coverage under the Epson Preferred™ limited warranty plan with toll-free telephone support available Monday through Friday and usually next-business-day, on-site service
- Optional one- or two-year Epson Preferred Plus Service plans available



Produce high-quality decorative fine art, and even museum-quality fine art reproductions.

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### Production-Level Print Engine Speeds

Utilizing our latest high-performance print head technology, the Epson Stylus Pro GS6000 is among the fastest solvent-based printers in the industry.

Print Engine Speeds	SFPH <sup>1</sup>
1440 x 1440 dpi, 16-pass	32
1440 x 720 dpi, 8-pass	71
720 x 720 dpi, 8-pass	91
540 x 720 dpi, 6-pass	122
720 x 720 dpi, 4-pass	180
720 x 360 dpi, 2-pass	340

Typical Print Engine Speeds	SFPH <sup>1</sup>
Fine Art Reproduction	71
Decorative Fine Art Reproduction	91
Photo Quality Vehicle Wraps	91
Everyday Signage Production	180
Typical Outdoor Banners	340

# Epson Stylus Pro GS6000 Print Engine Specifications

## Base Printing Technology

Dual-Array MicroPiezo AMC Print Head  
with Ink-Repelling Coating Technology

8-chamber, drop-on-demand, ink jet  
8 cartridges (C, M, Y, K, Lc, Lm, Orange and Green)

Epson UltraChrome GS Ink  
Professional-level solvent-based ink technology

## Printer Nozzle Configuration

Color and Monochrome 360 nozzles x 8  
Smallest droplet size 3.7 picoliters

## Printer Resolutions

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

## Print Engine Speeds<sup>1</sup>

1440 x 1440 dpi, 16-pass	32 SFPH
1440 x 720 dpi, 8-pass	71 SFPH
720 x 720 dpi, 8-pass	91 SFPH
540 x 720 dpi, 6-pass	122 SFPH
720 x 720 dpi, 4-pass	180 SFPH
720 x 360 dpi, 2-pass	340 SFPH

## Typical Print Engine Speeds<sup>1</sup>

Fine Art Reproduction	71 SFPH
Decorative Fine Art Reproduction	91 SFPH
Photo Quality Vehicle Wraps	91 SFPH
Everyday Signage Production	180 SFPH
Typical Outdoor Banners	340 SFPH

## Acoustic Noise Level

Approximately 70 dB(A) according to ISO 7779

## Front-End RIP Workflow by ColorBurst

Standard PANTONE licensed PostScript Language Level 3  
Compatible RIP by ColorBurst. Includes full workflow  
software with layout, nesting, tiling, custom spot color  
management and custom media support with full ICC  
profiling software included.

The Epson Stylus Pro GS6000 is also supported by most  
leading third-party RIPs and workflows.

## ColorBurst RIP Requirements

Server Workstation:	Windows Vista <sup>®</sup> or XP (32-bit) 2.8 GHz Intel <sup>®</sup> Core 2 Duo or better 4GB memory recommended
Client Workstation(s):	Macintosh <sup>®</sup> 70.5.x or higher Windows Vista or XP (32 or 64-bit)

## Printer Interfaces

Includes as standard one Hi-Speed USB 2.0 (11 compatible)  
and one Gigabit Ethernet port (10/100/1000Base-T)

## Dimensions

106" (W) x 50" (D) x 41" (H)  
Printer weight: 445 lb  
Dimensions and weight include printer stand and take-up reel

## Limited Warranty and Service

Standard one-year, on-site, usually next business day service  
with toll-free phone support Monday through Friday  
Optional one- and two-year extended Epson Preferred Plus<sup>SM</sup>  
service programs available for purchase

## Printable Area

Maximum media width	64"
Left and right margins	0.20" (0.40" total)
Maximum printable width	63.60"
Maximum printable length	Limited by software application, OS, media length, and driver/RIP

## Media Handling

Media input	Single roll-to-roll up to 64" wide
Cut-sheet size	17" x 22" up to 64" wide
Media core compatibility	Handles 3" core media
Max. roll media diameter	Up to 6.7" and 66 lb
Weight	12 lb bonded up to 1.3 mm thick posterboard
Manual head height	1.5 or 2.5 mm
Platen tension settings	Normal and high
Roll media take-up reel	Fully automatic with tension bar
Roll media output weight	Up to 150 lb

## Media Heating System

Pre-heater	Off or 86° to 122 °F (off or 30° to 50 °C)
Platen-heater	Off or 86° to 122 °F (off or 30° to 50 °C)
Post-heater	Off or 86° to 122 °F (off or 30° to 50 °C)

Independently controlled via front control panel or front-end RIP

## Epson Intelligent Ink Cartridges<sup>2</sup>

Cartridge fill volume	950 ml each color x 8 colors total
Ink cartridge shelf life (recommended)	2 years from printed production date or 6 months after open
Hot-swappable buffer time	Approx. 3 minutes

## Image Permanence Ratings

Epson UltraChrome GS Ink

Outdoor permanence ratings are provided by 3M and Avery. Please visit their websites for more information.

## Environmental Characteristics

Temperature	
Operating	50° to 95 °F (10° to 35 °C)
Storage	-4° to 104 °F (-20° to 40 °C)
Relative humidity	
Operating	20 to 85%
Recommended storage	40 to 50%
Installation requirements	5 to 85% (no condensation)

Virtually any location with a typical air conditioning or other air ventilation system.  
No forced ventilation or air purification systems required.

## Safety Standards and EMI

UL (MET), FCC (Class A), CSA, TSCA, OSHA, CE, and EMC

## Electrical Requirements

Voltage	AC 100 - 120 V, AC 200 - 240 V
Frequency	50 - 60 Hz
Current	11A at AC 110 - 120 V or 6A at AC 200 - 240 V
Power consumption	
Operating	Approx. 680 W or less
Standby	Less than 48 W or less
Power Off	Less than 3 W or less

## Product/Accessories

Epson Stylus Pro GS6000 Production Edition (includes ColorBurst RIP, stand, and take-up reel)	SPGS6000PE
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Additional One-year Epson Preferred Plus Service	EPFGSAKB1
Additional Two-year Epson Preferred Plus Service	EPFGSAKB2

## Print Head Cleaning Kit

(for periodic print head cleaning)	CB90621
Additional Printer Maintenance Kit (same kit that comes with a new printer)	CB90611

## Additional Cleaning Cartridges (set of eight)

(for periodic print head washing)	T623900
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## Waste Ink Bottle (set of 6)

	CBOTTLE
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Additional 64-inch Wide Media Take-up Core	C64CORE
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## Epson UltraChrome GS Ink

(950 ml)	
Black Ink Cartridge	T624100
Cyan Ink Cartridge	T624200
Magenta Ink Cartridge	T624300
Yellow Ink Cartridge	T624400
Light Cyan Ink Cartridge	T624500
Light Magenta Ink Cartridge	T624600
Green Ink Cartridge	T624700
Orange Ink Cartridge	T624800

A. Based upon print engine speed only. Total throughput times depend upon front-end RIP, file size, printer resolution, ink coverage, networking, etc. All print speeds are based upon bi-directional printing.

B. 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 a full set of cartridges and part of the ink from the first cartridges is used for priming the printer. Printer ships with 350 ml cartridges.  
See [www.epson.com/cartridgeinfo](http://www.epson.com/cartridgeinfo) for more information about cartridges.

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