

Epson Professional Imaging | The Art of Performance.



# EPSON SureColor<sup>®</sup> S-Series

The Way Solvent Printing Should Be.

Sales Reference Guide v1.2

Introducing the All New  
**EPSON SureColor S-Series**

All New Internal Printer Development by Epson. Focused on Three Different Goals.  
**Extreme Value. Extreme Performance. Extreme Quality.**



**EPSON®**

# EPSON SureColor S30670

\$16,995 MSRP

Developed with **extreme value** in mind, the all-new SureColor S30670 delivers class-leading performance at an aggressive price.



620 ft<sup>2</sup>

Speed

205 ft<sup>2</sup>

Production

78 ft<sup>2</sup>

High Quality

EPSON®

# EPSON SureColor S50670

\$25,995 MSRP

Capable of printing full color banners up to 980 ft<sup>2</sup> per hour and the option to print using white ink up to 67 ft<sup>2</sup> per hour, making the SureColor S50670 **one of the fastest solvent printers available** today.



<b>980</b> ft <sup>2</sup>	<b>280</b> ft <sup>2</sup>	<b>140</b> ft <sup>2</sup>	<b>67</b> ft <sup>2</sup>	<b>33</b> ft <sup>2</sup>
Speed	Production	High Quality	Banner White	HQ White

# EPSON SureColor S70670

\$25,995 MSRP

Utilizing up to 10 Colors, including a unique Light Black, Orange, White, and an all-new Metallic Silver, the SureColor S70670 will **redefine photographic print quality** for virtually any signage or fine art application.



550 ft<sup>2</sup>

HQ Banner

225 ft<sup>2</sup>

Production

142 ft<sup>2</sup>

High Quality

32 ft<sup>2</sup>

White

43 ft<sup>2</sup>

Metallic

11 ft<sup>2</sup>

White + Metallic



## EPSON Solvent Ink Technology

EPSON UltraChrome<sup>®</sup> GS2

EPSON UltraChrome<sup>®</sup> GSX

**Please Note:**

For greater reliability, the EPSON SureColor S-Series family of printers are designed **exclusively** for use with EPSON ink cartridges.<sup>1</sup>



**SureColor S30670**

EPSON UltraChrome GS2

4-Color



C M Y K



**SureColor S50670**

EPSON UltraChrome GS2

Dual 4-Color + Optional White



C M Y K W



**SureColor S70670**

EPSON UltraChrome GSX

8-Color + Optional White & Metallic Silver



C M Y K Lc Lm Lk Or W S





# EPSON UltraChrome GS2

A Next Generation Solvent Ink Technology

EPSON SureColor S30670

EPSON SureColor S50670

EPSON®

*The Art of Performance.*

next  
generation  
solvent ink



## ■ New Third-Generation Solvent Chemistry from Epson

- Extremely fast drying
- Superior media compatibility and durability
- No special ventilation or air purification required<sup>2</sup>
- Meets the chemical requirements of the Nordic Ecolabel (Nordic Swan)

## ■ New High-Performance Yellow

- Newly patented technology by Epson
- Developed without the use of any Nickel compound
- Designed for superior reliability with the EPSON MicroPiezo TFP print head

## ■ EPSON AccuPhoto™ GS2 Screening

- Capable of producing outstanding photographic prints - utilizing only 4 colors

### ■ New High-Density White Ink

- Newly-formulated, proven Titanium Dioxide based chemistry
- Up to 3.8 times better opacity than current solvent-based white inks
- Very fast dry times compared to current solvent-based white inks
- Patented formulation to reduce ink sedimentation and dry-out
- Built-in automatic printer ink circulation system for reduced user maintenance

next  
generation  
solvent ink

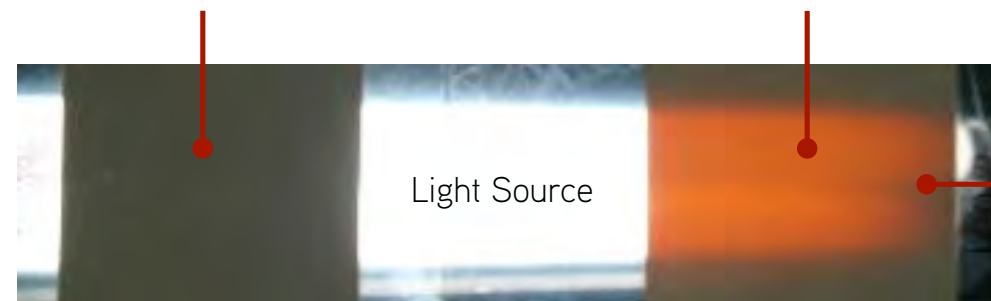


#### EPSON UltraChrome

Transmittance of Light 1.8%

#### Competitor

Transmittance of Light 7.0%



1,440 x 720 dpi  
Maximum Duty

1,440 x 720 dpi  
Maximum Duty

White Ink Printed on  
LINTEC E1000ZC  
Epson Testing Labs



# EPSON UltraChrome GSX

A Next Generation Solvent Ink Technology

EPSON SureColor S70670

EPSON®

*The Art of Performance.*

next  
generation  
solvent ink



- **Same Base Solvent Chemistry as EPSON UltraChrome GS2**
  - Including faster dry times
  - And a new high-performance yellow ink
- **Additional Light-Black Ink**
  - New lighter-shade of black for improved grayscale and reduced metamerism
- **Additional Orange Ink**
  - Extends the overall color gamut beyond any other form of solvent printing
- **EPSON AccuPhoto™ GSX Screening**
  - New advanced form of math capable of producing a level of photographic print quality beyond any other form of sign printing
  - Capable of producing the world's most demanding fine art reproductions

## ■ True Metallic Silver Ink

- New Small Particle Aluminum Technology - as small as 1.0  $\mu m$
- Capable of printing up to twice the speed as other metallic inks - up to 43 ft<sup>2</sup>/hr
- High water resistance for extreme reflective metallic levels
- Low viscosity technology to improve the accuracy of dot placement
- Can be mixed with other colors to create an unlimited number of metallic shades
- Built-in automatic ink circulation system for reduced user maintenance

next  
generation  
solvent ink



For details on how to best use this new EPSON ink technology with your particular RIP, please consult your RIP vendor.

	<b>Full Color</b>	<b>Full Color + Orange</b>	<b>White</b>	<b>Metallic Silver</b>
<b>EPSON SureColor S30670</b>	3 Years	-	-	-
<b>EPSON SureColor S50670</b>	3 Years	-	1 Year	-
<b>EPSON SureColor S70670</b>	3 Years	2 Years	1 Year	3 Weeks

**NOTES:**

Test results based upon Epson Testing Labs using the ISO 18930 print durability standard.

**All print results are based upon un-laminated prints printed on adhesive backed vinyl.**

White and Metallic Silver ink results judged by the gloss level reduction thresholds per ISO 18930 standards.

Durability numbers above are estimates of maximum image permanence.

Your actual results may vary depending upon media type used, environmental display conditions and other factors.

**Epson does not warrant durability.**

Please visit [3M](#) and [Avery](#) web sites for laminated durability claims using their warranty programs.

### ■ No Special Ventilation or Air Purification Required<sup>2</sup>

- Virtually odor-free
- Meets the requirements of California Prop 65

### ■ No Specified Fluorine Compounds (PFOS & PFOA)

- Visit <http://www.epa.gov/opptintr/pfoa/> for more details

### ■ Meets the Chemical Requirements for Nordic Swan

### ■ Inks Do Not Contain Nickel (Ni) Compounds

- Visit <http://www.epa.gov/ttn/atw/hlthef/nickel.html> for more details

### ■ Extremely Power Efficient

- ENERGY STAR<sup>®</sup> Compliant
- Power usage of less than 900W when printing - Less than 15W in sleep mode

Epson  
Environmental  
Vision







## EPSON MicroPiezo<sup>®</sup> TFP<sup>®</sup>

The World's Most Advanced Print Head Technology

EPSON SureColor S30670

EPSON SureColor S50670

EPSON SureColor S70670

## ■ Advanced Thin Film Piezo (TFP) Technology

- Extreme dot placement accuracy for unmatched print quality
- Improved reliability for reduced downtimes
- About twice the print speed versus our previous generation print head technology
- Developed for EPSON UltraChrome GS2 and GSX solvent inks for increased reliability

## ■ Extreme Print Resolutions

- Capable of print resolutions up to 1,440 x 1,440 dpi
- True 720 dpi per color channel per single print pass - SC-S30670 & SC-S70670
- True 1,440 dpi per color channel per single print pass - SC-S50670
- Enhanced Variable Droplet Technology as small as 4.2 picoliter

exotic  
print head  
technology



exotic  
print head  
technology



### ■ Automatic Print Head Alignment & Nozzle Check Technology

- Built-in LED sensor accurately aligns all print head channels
- Built-in LED sensor can detect a nozzle clog and alert the operator

### ■ Automatic Media Feed Adjustment

- Built-in LED sensor accurately adjusts the media feed speed
- System communicates with the fully motorized media feeding system

### ■ Print Head Strike Detection System (SC-S50670 only)

- Built-in LED sensor continuously measures the distance between head and media
- When the distance gets too close, the system stops printing to avoid a head strike

### ■ Print Head Redundancy Technology (SC-S50670 and SC-S70670 only)

- The SC-S50670 and SC-S70670 contain two print heads. If one print head should ever fail and require service, the operator may still operate the printer using only a single print head (at half speed) while waiting for service



## Product **Features**

EPSON SureColor S-Series

s-series  
S30 | S50 | S70

EPSON SureColor S30670  
Standard Configuration Shown



103" W x 50" D x 52" H  
482 lb.

s-series  
S30 | S50 | S70

EPSON SureColor S50670  
Standard Configuration Shown



103" W x 50" D x 52" H  
525 lb.

s-series  
S30 | S50 | S70

EPSON SureColor S70670  
Standard Configuration Shown



103" W x 50" D x 52" H  
482 lb.



Standard Take-up Reel

Large Surface Media Heater



SureColor  
S30670

EPSON ULTRA CHROME  
G52

BK Y M C



Front-Loading Ink Cartridges  
Individual Ink Cartridges up to 700 ml each

SureColor  
S50670

EPSON ULTRA CHROME  
G52



Front-Loading Dual Ink Cartridges  
Total Ink Capacity of 1,400 ml per Color  
Total Ink Capacity of 1,200 ml for White

SureColor  
S70670



**Front-Loading Ink Cartridges**  
 Total Ink Capacity of 700 ml per Color  
 Total Ink Capacity of 600 ml for White  
 Total Ink Capacity of 350 ml for Metallic Silver



**Highly Visible Error & Alert Lamp**  
Also creates an audio alert if desired

**Menu Shortcut Keys**  
Access frequently used menu items quickly

**Full Color 2.5-Inch LCD Panel**  
All new user interface design



**Media Release Level**  
Accessible from both the front and behind the printer

**Gigabit Ethernet & USB 2.0**

**Standard 110v Power**

**Standard Heavy-Roll Support**  
Up to 90 lb. support with motorized take-in

**Disposable Ink Waste Tank**  
Available as a consumable

**Standard Take-up Reel**  
Motorized take-up  
Supports both wind-in or wind-out



**All-New Roll-Media Loading System**  
New spindle-less design with manual  
EPSON LiftAssist Technology



Optional High-Capacity Roll Support  
Heavy-roll support up to 175 lb.

Optional High-Speed Dryer\*



\*Standard on the EPSON SureColor S50670  
Recommended for the SC-S70670 if a lot of White or Metallic Silver printing is expected



## ■ New Robotic Laser Welding Technology

- Unique manufacturing process developed by Epson for extreme precision
- Produces an extremely rigid printer frame with no material deformation
- Eliminates over 350 bolts within the core printer mechanism

## ■ Hand Assembled by a Single Technician

- Like most exotic cars, each SureColor printer's final assembly is performed by a single, highly-trained technician for superior final build quality

## ■ Superior Overall Product Reliability

- Final product quality is significantly increased over previous EPSON solvent technology
- This could quite possibly be the most reliable solvent printer-line available

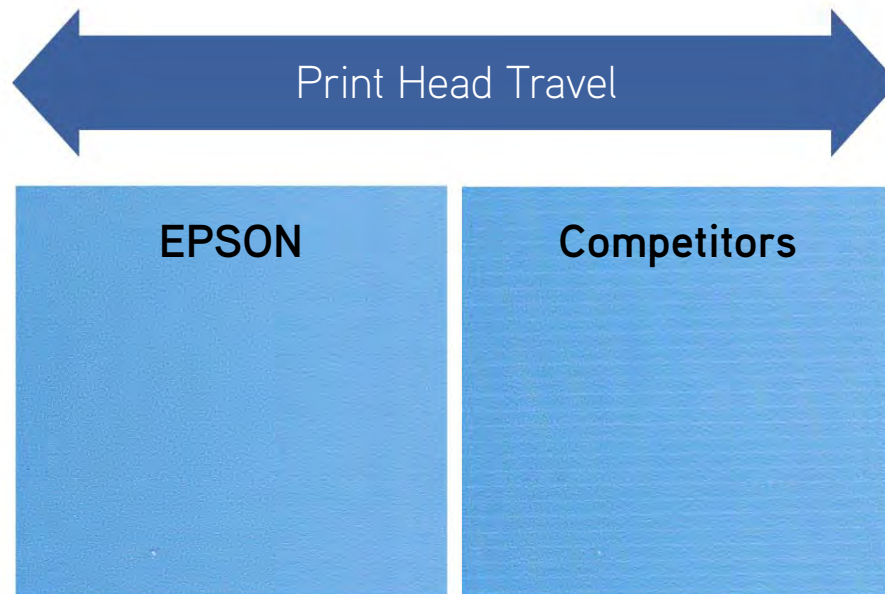


■ **Sensor-Based Auto Media Tension Control**

- Media feeding system is fully motorized for take-in and take-up
- Printer automatically controls the media tension and motor strength depending upon the remaining media and weight
- The result is less banding within solid fills

■ **Significantly Reduced Media Feed Error**

- Media feed error of about 0.4 mm over a 50 meter roll (164 ft)
- Typical competitors have about 1.9 mm of feed error over the same feed length
- The result? More accurate final dimensions for larger signage applications
- Removes the need to recalibrate at the beginning and end of heavy rolls



Scans of Actual Print Samples on Adhesive Vinyl Shown Above

## ■ In-Printer eMail Notification Technology

- If your SureColor S-Series printer is connected to an internet network, you can enable automatic eMail notifications to any active eMail or text eMail address
- Notifications include Job Finished, Error Status, Low Ink Remaining, and more
- No special software or computer required - the printer handles everything

automatic  
email alerts





# Print Performance

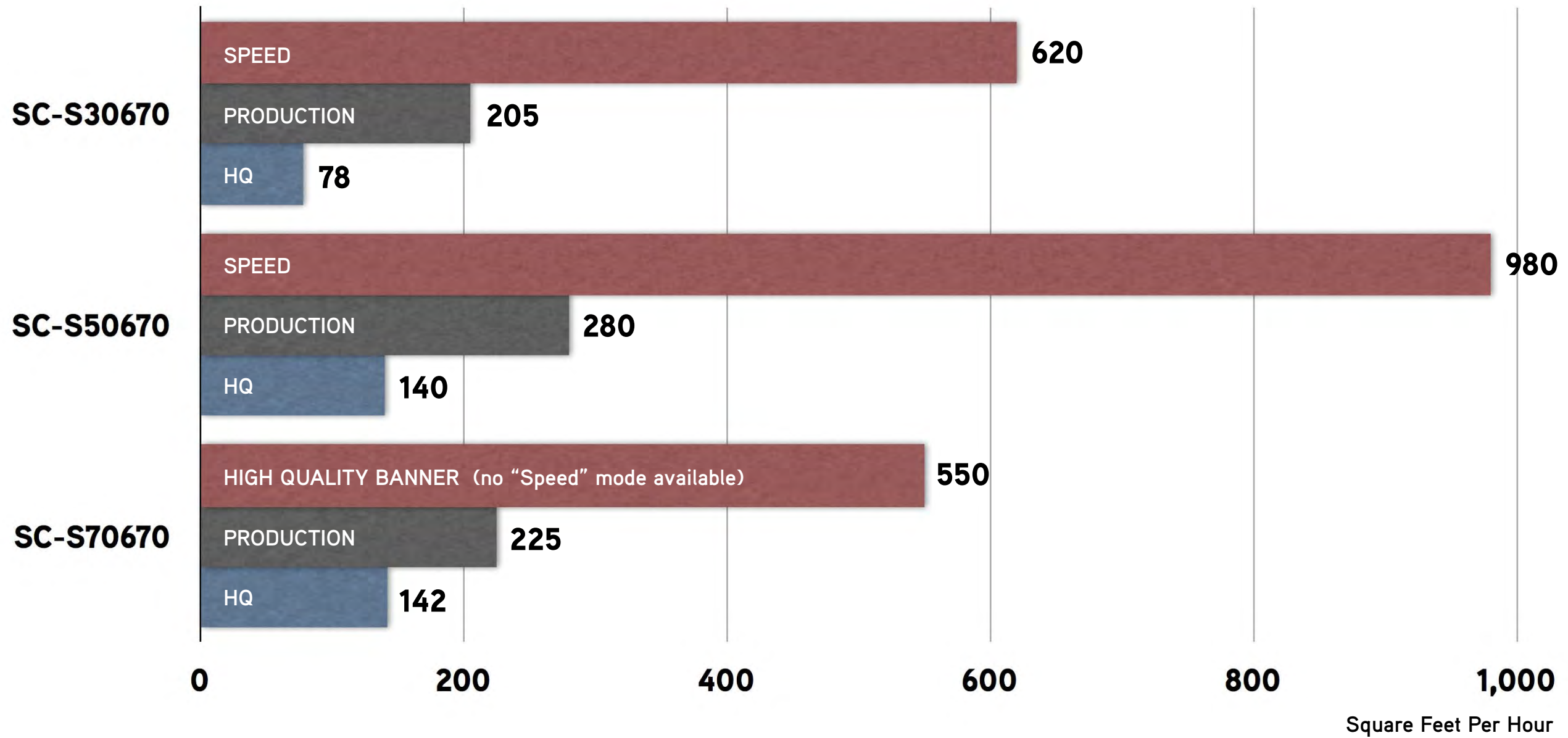
## EPSON SureColor S-Series Comparison

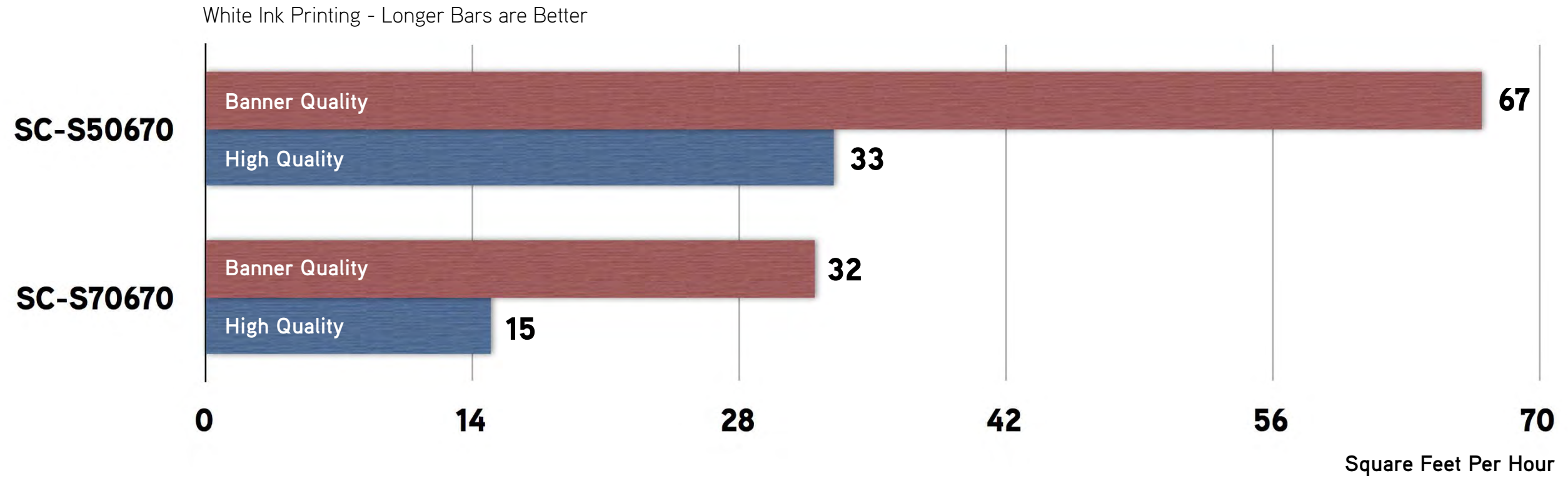
**Please Note:**

All print speeds shown in this document are based on print engine speed only, in bi-directional mode.

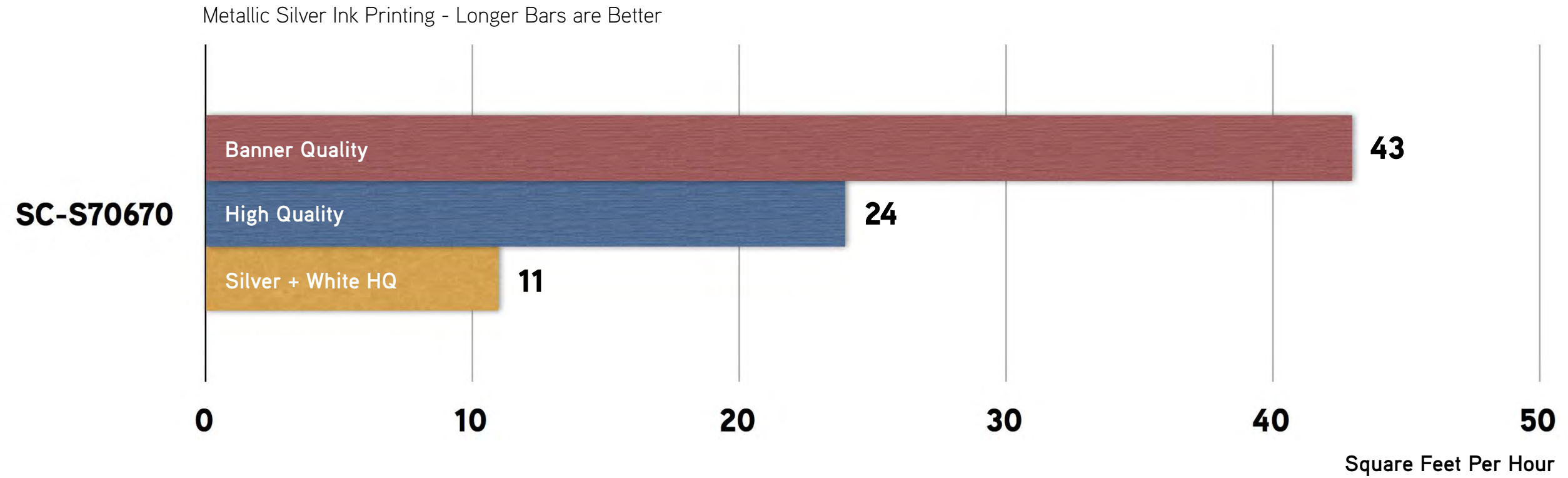
Total throughput times depend upon front-end RIP, file size, printer resolution, ink coverage, networking, etc.

Full Color Printing - Longer Bars are Better



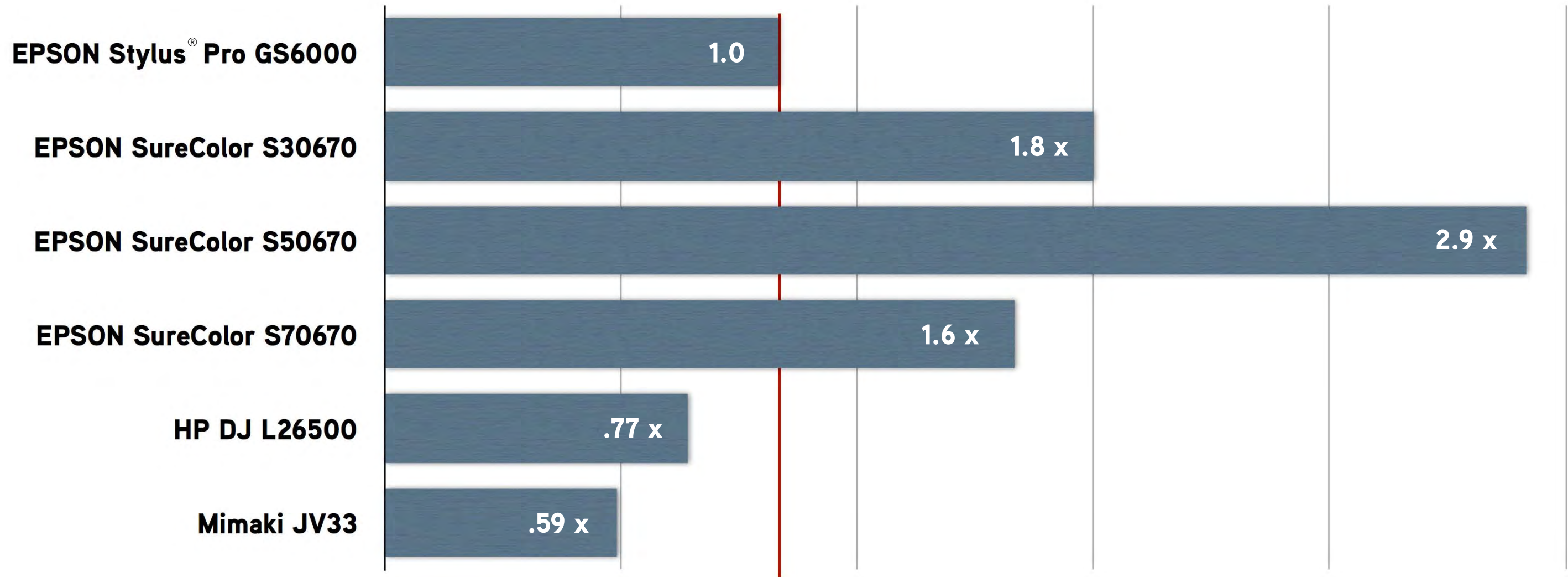


For details on how to best use this new EPSON ink technology with your particular RIP, please consult our RIP vendor.



For details on how to best use this new EPSON ink technology with your particular RIP, please consult our RIP vendor.

Full Color Banner Print Mode - Longer Bars are Better



Times Faster than an EPSON Stylus Pro GS6000





## EPSON RIP Strategy



## ■ Extremely Easy to Use

- Simple tools for sizing, cropping, tiling, and nesting
- Easy workflow for printer operations - including a full RIP-queue
- Built-in ability to add and recalibrate media

## ■ Professional Print Quality

- Includes both EPSON AccuPhoto and ONYX screening technologies
- Epson provides profiles for the top-selling solvent media
- True PANTONE® Spot Color matching

## ■ Upgradeable

- As users grow, they can upgrade to a higher-end ONYX RIP solutions
- Add-on support for ONYX Cut Server - \$495
- Add-on support for optional White & Silver Metallic inks - \$495





# Media Strategy

Partnering with the World's Best Media Companies



robust  
media  
compatibility

- **Partnering with the World's Best Media Companies**
  - 3M, Avery, Neschen, UltraFlex, and more
  - Epson will provide profiles for these companies' top media lines
- **The SureColor S-Series are Qualified Under the Following Media Warranty Programs**
  - 3M Performance Guarantee
  - Avery Dennison ICS Warranty
  - For more information visit the 3M and Avery web sites
- **Unique Epson Genuine Media Line**
  - EPSON GS Canvas Gloss; EPSON GS Canvas Satin
  - EPSON GS Poster Paper Gloss
  - EPSON DisplayTrans™ GS



# EPSON **Warranty & Service Programs**

Award Winning Service & Support

award winning  
service &  
support



### ■ **Standard EPSON Preferred<sup>SM</sup> Limited Warranty**

- One-year on-site service
- Includes free phone support available Monday thru Friday
- Usually next business day on-site break fix service
- Warranty includes parts and labor

### ■ **Optional Extended EPSON Preferred Plus Plans**

- Three programs available - Silver, Gold, and Platinum
- Extends coverage when the in-box warranty ends
- Additional 1-year programs - stackable up to 3-years total
- Can be purchased at any time while under warranty or an extended plan

	<b>SILVER</b>	<b>GOLD</b>	<b>PLATINUM</b>
<b>Service Period</b>	1-Year	1-Year	1-Year
<b>Number of Visits</b>	2	3	Unlimited
<b>Head Replacement (S30)<sup>3</sup></b>	1	2	Unlimited
<b>Head Replacements (S50/S70)<sup>3</sup></b>	2	4	Unlimited
<b>MSRP - SC-S30670</b>	\$1,995	\$3,495	\$4,495
<b>MSRP - SC-S50670</b>	\$2,495	\$4,495	\$5,495
<b>MSRP - SC-S70670</b>	\$2,495	\$4,495	\$5,495

**NOTES:**

Customers may purchase up to two EPSON Preferred Plus Plans per printer model, for a total coverage of up to 3-Years (1 year of warranty and 2 years of extended service). For the Silver and Gold Plans, the user gets the stated service period or stated number of visits, whichever occurs first, but never more than the stated number of head replacements.

For questions or the latest pricing, see an Authorized Epson Reseller.



# Product **Comparisons**

EPSON SureColor S-Series



	<b>EPSON SURECOLOR S30670</b>	<b>EPSON SURECOLOR S50670</b>	<b>EPSON SURECOLOR S70670</b>
<b>Maximum Printer Width</b>	64-Inch	64-Inch	64-Inch
<b>Print Head Configuration</b>	MicroPiezo TFP	Dual MicroPiezo TFP	Dual MicroPiezo TFP
<b>Print Speed - Production Mode</b>	205 ft <sup>2</sup> /hr	<b>280 ft<sup>2</sup>/hr</b>	225 ft <sup>2</sup> /hr
<b>Solvent Ink Technology</b>	EPSON UltraChrome GS2	EPSON UltraChrome GS2	<b>Epson UltraChrome GSX</b>
<b>Maximum Color Configuration</b>	4-Color	5-Color	<b>10-Color</b>
<b>Color Configuration - Standard</b>	C M Y K	Dual C M Y K	<b>C M Y K + Lc Lm Lk Or</b>
<b>Color Configuration - Optional</b>	NA	C M Y K + White	<b>C M Y K + Lc Lm Lk Or + White + Silver</b>
<b>On-Board Ink Capacity for Color</b>	700 ml	<b>1,400 ml</b>	700 ml
<b>On-Board Ink Capacity for White</b>	N.A.	<b>1,200 ml</b>	600 ml
<b>On-Board Ink Capacity for Metallic Silver</b>	N.A.	N.A.	<b>350 ml</b>
<b>Platen Gap Settings</b>	1.5 mm / 2.0 mm / 2.5mm	1.5 mm / 2.0 mm / 2.5mm	1.5 mm / 2.0 mm / 2.5mm
<b>Three Stage Media Heating System - Pre, Platen, Post</b>	Off or 30 to 55 degrees Celsius	Off or 30 to 55 degrees Celsius	Off or 30 to 55 degrees Celsius
<b>Additional High-Speed Print Dryer</b>	Optional	<b>Standard</b>	Optional
<b>Heavy-Duty Roll Media System</b>	Optional	Optional	Optional
<b>Standard Connectivity</b>	USB 2.0 & Gigabit Ethernet	USB 2.0 & Gigabit Ethernet	USB 2.0 & Gigabit Ethernet
<b>Standard RIP Vendor</b>	ONYX GamaPrint Pro	ONYX GamaPrint Pro	ONYX GamaPrint Pro
<b>Standard Limited Warranty</b>	1-Year On-Site	1-Year On-Site	1-Year On-Site
<b>MSRP - Printer</b>	<b>\$16,995</b>	<b>\$25,995</b>	<b>\$25,995</b>

This Color Represents a Significant Difference

	<b>SC-S30670</b>	<b>SC-S50670</b>	<b>SC-S70670</b>
<b>MSRP - Color Ink Cartridge (700 ml)</b>	\$174.95 (\$0.25 ml)	\$174.95 (\$0.25 ml)	\$174.95 (\$0.25 ml)
<b>MSRP - White Ink Cartridge (600 ml)</b>	N.A.	\$229.95 (\$0.38 ml)	\$229.95 (\$0.38 ml)
<b>MSRP - Metallic Silver Ink Cartridge (350 ml)</b>	N.A.	N.A.	\$249.95 (\$0.71 ml)

**NOTES:**

Pricing shown as MSRP. Actual dealer pricing may vary.

The per ml ink cost shown is a simple estimate derived from MSRP divided by cartridge fill volume. This estimate does not necessarily reflect the actual cost of ink for a particular print, which can vary considerably based on image 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.

For questions or the latest pricing, see an Authorized Epson Reseller.

the way  
solvent printing  
should be.



### ■ Extreme Print Speeds

- Be more productive - Get more done

### ■ Amazing Photographic Print Quality

- Provides for more opportunities - Keeps customers happy and coming back

### ■ Highly Reliable

- More uptime - Less downtime

### ■ Environmentally Responsible

- Less harmful chemistry - Lower power consumption

### ■ Complete Media Versatility

- Print on virtually anything - White, clear, even color-based media types

### ■ Low Initial Investment & Low Everyday Cost-of-Ownership

- Be more profitable - Grow your business!



## Footnote Definitions

**1** - The printer is designed to use only EPSON ink cartridges and not other brands of new or refilled cartridges, or other brands of ink or bulk ink systems. Using EPSON cartridges is important for reliable performance and high image quality.  
Epson offers voluntary recycling of spent ink cartridges.

**2** - Based on testing of one printer in a room of 180 m<sup>3</sup> and a ventilation coefficient of 2.2 (without any fan or air conditioning).  
For more information, see the MSDS sheets at [www.proimaging.epson.com](http://www.proimaging.epson.com)

**3** - The print head is a maintenance part which the user is responsible to replace when necessary. However, Epson covers head replacement while the printer is under the Epson Preferred Limited Warranty and under any Preferred Plus Plan (limited or unlimited number of head replacements, depending on the Preferred Plus Plan purchased). The life of the print head will vary depending on the user's print volume, print patterns and heater temperature for print settings. Doing proper user maintenance of the print head will help prolong its life.

All stated cartridge volumes are fill volumes.



**Specifications are Subject to Change Without Notice**

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