

SureColor® S60600 PRINTER Graphtec FC9000-140 CUTTER



SureColor S-Series

Signage

A performance benchmark has been set.

Value — affordable 64" roll-to-roll signage printer

Advanced printhead technology — dual Epson® PrecisionCore® TFP® printhead technology to meet the needs of high-demand production environments

High-speed performance — outdoor production speeds up to 550 sq ft/hr and indoor-quality production speeds up to 310 sq ft/hr¹

UltraChrome® GS3 Ink — proven 4-color solvent-based ink system

Extreme value — low initial investment with high productivity

One solution for your printing needs — includes workflow software by ONYX®, substrate support system, and 1-year on-site limited warranty

Productivity — Epson Precision Dot technology allows for band-free printing at high speeds

Easy media setup — set up new media in minutes

Simple maintenance — fabric wiper and air filtration system to ensure continuous, reliable production

Designed for use exclusively with Epson cartridges.*

Print

Printing Technology Dual Advanced PrecisionCore® TFP® 8-channel, drop-on-demand, inkjet printhead with ink-repelling coating technology

Ink Type UltraChrome GS3

Production Edition Ink Configuration (x2): C, M, Y, K

Droplet Technology Smallest droplet size: 4.2 picoliters; Variable Droplet Technology can produce up to three different sizes per line

Maximum Resolution 1440 x 1440 dpi; 1440 x 720 dpi; 720 x 720 dpi; 720 x 360 dpi

Printer Speed¹	Banner	Vinyl
Draft:	1020 sq ft/hr	N/A
Production:	550 sq ft/hr	310 sq ft/hr
Quality:	310 sq ft/hr	190 sq ft/hr

Printer Language/Drivers Epson ESC/P® raster

Nozzle Configuration Color and Monochrome Heads 1440 nozzles per color

Epson Ink Supply System²

Cartridge Fill Volume 700 mL x 4 colors total

Ink Cartridge 2 years from printed

Shelf Life Production date or 6 months after opened

Roll Media Handling

Media Input Single roll-to-roll

Cut-sheet Size 17" x 22" up to 64" wide

Media Core 2" or 3" core

Input Roll Diameter Up to 9.8"

Input Roll Weight Up to 95 lb

Media Thickness From 45 gsm up to 1 mm thick

Take Up Reel Fully automatic "wind in" or "wind out" with tension bar

Output Roll Weight Up to 95 lb

Media Heating System

Pre Heater: Off or 86° to 122 °F

Platen Heater: Off or 86° to 122 °F

Post Heater: Off or 86° to 131 °F

Independently controlled via control panel or front-end RIP

Printable Area and Accuracy

Max. Paper Width 64"

Min. Paper Width 12"

Left and Right Margins 0.2" (0.4" total)

Max. Printable Area 63.6"

Printer Interfaces

Includes as standard one Hi-Speed USB 2.0 (1.1 compatible) and one Gigabit Ethernet port

ONYX® GamaPrint Pro RIP Requirements

Server Workstation

Windows® 7, 8, Windows Vista® or Windows XP (32-bit or 64-bit) 3.2GHz Intel i7 or better 6GB memory recommended

Client Workstation

Macintosh® 10.5+, Windows 7, 8, Windows Vista or Windows XP (32-bit or 64-bit)

Operating Systems Supported

Mac® Mac OS® X, 10.8.x – 10.11.x

Windows 10, 8.1, 7 (32-bit, 64-bit)

General

Weight and Dimensions (W x D x H)

103" x 34" x 53" (2616 mm x 609 mm x 1346 mm)

Weight: 635 lb (288 kg)

Acoustic Noise Level

Approximately 59 dB according to ISO 7779

Temperature

Operating: 50° to 95 °F (10° to 35 °C)

Relative Humidity

Operating: 20 – 80%

Operating (recommended): 40 – 60%

Storage: 5 to 85% (no condensation)

Electrical Requirements

Printer requires two 110 V outlets

Voltage: AC 100 – 120 V, AC 200 – 240 V

Frequency: 50 – 60 Hz

Current: 20A at AC 110 – 120 V or 10 A at AC 200 – 240 V

Optional Dryer

Voltage: AC 100 – 120 V, AC 200 – 240 V

Frequency: 50 – 60 Hz

Current: 1A at AC 110 – 120 V or 0.5 A at AC 200 – 240 V

Power Consumption

Operating Approx. 650 W or less

Standby Heaters On: Approx. 520 W

Standby Heaters Off: Approx. 30 W or less

Power Off: Less than 0.6 W or less

Sleep Mode: Less than 3.5 W

ENERGY STAR® qualified

Country of Origin China

Ordering Information

Epson SureColor S60600	SCS60600PE
Ink Cleaner	T699300
Printer Maintenance Kit	C13S210044
Additional Waste Ink Bottle	C13T724000
Additional Cleaning Cartridge	T696000

UltraChrome GS3 Ink (700 mL)

Black Ink	T890100
Cyan Ink	T890200
Magenta Ink	T890300
Yellow Ink	T890400

Extended Service Plans³

Epson Preferred Plus Service Silver	EPPS5070SB1
Epson Preferred Plus Service Gold	EPPS5070GB1
Epson Preferred Plus Service Platinum	EPPS5070PB1

Please visit us at proimaging.epson.com

*This product uses only genuine Epson-brand ink cartridges. Other brands of ink supplies are not compatible and, even if described as compatible, may not function properly.

1 Print times are based upon print engine speeds only. Total throughput depends upon front-end driver/RIP, file size, printing resolution, ink coverage, network speed, etc. | 2 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. | 3 Note that warranty coverage for the printhead and ink delivery system is terminated if the printer is ever used with new or refilled ink cartridges, inks, or ink delivery systems other than the UltraChrome GS3 system for which the printer was designed.

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Epson America, Inc. 3840 Kilroy Airport Way, Long Beach, CA 90806
Epson Canada Limited 185 Renfrew Drive, Markham, Ontario L3R 6G3
www.epson.com
www.epson.ca

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FC9000 SPECIFICATIONS



MODEL : FC9000-75

FC9000-100

FC9000-140

FC9000-160

Configuration : Grit-rolling Plotter Driven by a Digital Servo Motor

Maximum Cutting Width : 30" 42" 54" 64"

*** Guaranteed Tracking :** 30" x 50' 42" x 50' 54" x 50' 64" x 50'

Mountable Media Width : 2" to 36" 2" to 48" 2" to 60" 2" to 72"

Maximum Cutting Speed : 58.5"/s @ 45° Direction

Cutting Force : 600 gf in 48 Steps

Number of Push Rollers : 2 Rollers 3 Rollers 4 Rollers 4 Rollers

Mountable Number of Tools : 1 Tool (cutting blade, plotting pen or pouncing tool) in standard;
2 Tools (cutting blade and plotting pen) when second pen-holder (optional) is installed

Minimum Character Size : Approximately 5 mm Alphanumeric (varies depending on character font and media)

ARMS / Barcode / Data Link : YES

Offline Output Function : USB Memory - 64 Files

Maximum Cross Cut Width : 30" 42" 54" 64"

Interface : Ethernet (10BASE-T/100BASE-TX) | USB 2.0 High Speed

Programmable Resolution : GP-GL™ mode: 0.1 / 0.05 / 0.025 / 0.01 mm • HP-GL®: 0.025 mm

Mechanical Resolution : 0.005 mm (5μm)

Maximum Media Thickness : 59.1 mil (1.48mm)

Condition Settings : Dual Configuration - 2 User Settings with 8 Separate Condition Settings per User

External Dimensions : w 53" x d 45" x h 48" w 65" x d 45" x h 48" w 77" x d 45" x h 48" w 87" x d 45" x h 48"

Weight : 108lbs 123lbs 141lbs 154lbs

Compatible Media : Self-adhesive Vinyl Film, Diamond Grade, Fluorescent Film, Reflective Film, Sandblast Resist Rubber
High-intensity Reflective Film, Window Tint Film, Paint Protection Film, Automotive Paint Protection Film

* Operated with Graphtec specified cutting conditions and media. For long-length cutting, the basket is used



GRAPHTEC STANDARD WARRANTY: 3 YEARS PARTS & LABOR WITH ONLINE PRODUCT REGISTRATION

Software : Cutting Master 4 - Plugin
Adobe Illustrator - Mac/ Win
CorelDraw - Win

Graphtec Pro Studio
Design Software - Win

Graphtec Studio
Design Software - Mac

Windows Driver
AutoCad / Vector Drawing
Software Requiring a Driver



VIDEO TRAINING
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Graphtec Video Training is a comprehensive series of instructional videos that are key to fully understanding the capabilities of the **FC9000 Series** cutter. **Advanced Features** and **Optional Accessories** are also demonstrated in depth so you can be fully trained and ready to boost productivity by mastering all the features and utilizing the full potential of this powerful roll-fed cutter.

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