

SureColor® S8170

64-Inch Solvent Printer



**Our fastest 64"
solvent printer.**



Epson Edge Print PRO

Epson Cloud Solution
PORT®

Ultra fast speeds — over 20% faster print speeds¹ with the latest generation 2.64" PrecisionCore® Micro TFP® printhead

Outstanding image quality — printhead features an integrated temperature sensor control for reliable, high-quality prints and consistent color—job to job, panel to panel

6-color UltraChrome® GS3 ink set — includes Light Cyan and Light Magenta for less banding at high production speeds

Engineered for reliability — the precise media feeding and tension mechanism offers stable media handling and printing accuracy

Breakthrough design — compact, precise and efficient design based on the SureColor S9170; features a user-friendly 4.3" touchscreen panel for easy operation

Versatile ink — mix and match ink pack sizes; 800 mL or 1,500 mL²

Save time and hassle — engineered to avoid production delays with the printer's user-replaceable solvent printhead

Nozzle Verification Technology (NVT) — automatically monitors and adjusts nozzle health for stable operation and consistent print quality without wasting media

World-class service and support — 1-year limited warranty included for your peace of mind

Advanced software — simple integration to Epson Cloud Solution PORT³ printer monitoring system

Designed for use exclusively with Epson ink packs.*

Print

Printing Technology PrecisionCore Micro TFP printhead featuring Nozzle Verification Technology and variable-sized droplet control

Ink Type UltraChrome GS3 eco-solvent ink

Ink Colors C, M, Y, K, Lc, Lm

Nozzle Configuration 9,600 Nozzles: 1,600 nozzles x 6 colors

Maximum Resolution 1200 x 1200 dpi

Minimum Ink Droplet Volume Smallest Droplet Size: 4.4 picoliters; Variable Droplet Technology can produce up to three different sizes per line

Left/Right Margin (Roll Paper): 5 mm

Printer Language/Drivers Epson ESC/P™ raster

Memory 4GB

Ink

Ink Pack Fill Volume² 800 mL or 1.5 L

Ink Case Ink Supply Unit

This printer is designed for use with genuine Epson packs only, not third-party packs or ink*.

Media Handling

Paper Path Single Roll

Paper Feed Method Friction Feed

Maximum Roll Diameter 9.84" (250 mm)

Maximum Roll Weight 99.21 lb (45 kg)

Maximum Reel Diameter 9.84" (250 mm)

Paper Width (Roll) 11.81" to 64" (300 mm to 1,625.6 mm)

Paper Thickness (Roll) Less than 1 mm

Printer Interfaces

SuperSpeed USB 3.0 (1 port)

100Base-TX/1000Base-T Ethernet (1 port)

Operating Systems Supported⁴

Windows® 8.1 x64 or later, macOS® 10.7 or later

Epson Edge® Print PRO Minimum PC Requirements:

Intel Core® i3 3.0 GHz CPU or faster, 8GB RAM or more, 50GB HDD or more (available during installation), DVD-ROM or Internet connection

ONIX® Go Plus Minimum PC Requirements:

Windows 10 Pro x64 or Windows 11 Pro x64, Intel® or AMD multi-core CPU, 16GB RAM or more (32-64GB recommended), 1280x1024 minimum display, 250GB HDD or more, Internet connection

General

Control Panel 4.3" Optical Touch Color LCD

Weight and Dimensions (W x D x H)

Dimensions (Printing): 103.15" x 39.53" x 40.2" (2,620 mm x 1,004 mm x 1,021 mm)

Dimensions (Stowed): 103.15" x 36.42" x 40.2" (2,620 mm x 925 mm x 1,021 mm)

Weight: 750 lb (340 kg)

Acoustic Noise Level

Sound Power Level: Not greater than 7.9 B(A)

Sound Pressure Level: Not greater than 60.5 dB(A)

Temperature

Operating: 59 °F to 95 °F (15 °C to 35 °C)

Operating (recommended): 68 °F to 89 °F (20 °C to 32 °C)

Storage: -4 °F to 104 °F (-20 °C to 40 °C)

Relative Humidity

Operating: 20% – 80% (no condensation)

Operating (recommended): 40% – 60% (no condensation)

Storage: 5% – 85% (no condensation)

Safety Standards

USA and Canada (NRTL Certified, CSA/UL 62368-1)

Compliant with Class A requirements USA (FCC), Canada (ICES-003)

Electrical Requirements

Printer requires two 110 V outlets

Voltage:

#1 AC 100 - 120 V/200 - 240 V (50/60 Hz)

#2 AC 100 - 120 V/200 - 240 V (50/60 Hz)

Rated Current:

#1 12 A/10 A

#2 12 A/10 A

Power Consumption

Operating: Approximately 1350 W

Ready: Approximately 500 W

Sleep: Approximately 3.4 W

Power Off (Standby): Approximately 0.3 W

Country of Origin China

Standards and Approvals

NRTL Certified CSA/UL 62368-1 (U.S. and Canada)

What's Included

SureColor S8170 Production Edition Printer

Set of Ink: C, M, Y, K, Lc, Lm (800 mL x2/each)²

ONIX Go Plus RIP (1-year subscription)

Epson Edge Print PRO RIP

Power Cord (x2)

Maintenance Parts Kit: Wiper Unit, Flushing Pad, Air Filter (x2)

Media Lifter

Waste Ink Bottle

Ink Cleaner

Cleaning Stick

Media Cleaning Brush

User Guide Kit

Eco Features

ENERGY STAR® qualified

RoHS compliant

End-of-life options available⁵

Epson America, Inc. is a SmartWay® Transport Partner⁶

Ordering Information

SureColor S8170 Production Edition	SCS8170PE
Maintenance Parts Kit	C13S210153
Ink Cleaner	T699300
Waste Ink Bottle	C13T724000
Cleaning Stick	C13S090013

UltraChrome GS3 Eco-Solvent Ink (800 mL)²

Black	T51N120
Cyan	T51N220
Magenta	T51N320
Yellow	T51N420
Light Cyan	T51N520
Light Magenta	T51N620
Cleaning	T56L000

UltraChrome GS3 Eco-Solvent Ink (1.5 L)²

Black	T51U120
Cyan	T51U220
Magenta	T51U320
Yellow	T51U420
Light Cyan	T51U520
Light Magenta	T51U620

Limited Warranty and Service

Warranty 1-year limited in the U.S. and Canada

Service On-Site Repair, usually Next-Business-Day; toll-free telephone support, Monday through Friday

Epson Preferred Plus™ Extended Service Plans⁷

Plans below available only at the time of hardware purchase.

1-Year Next-Business-Day On-Site Repair ⁸ with Printhead Self-Service ⁹	PSS8170SS1
2-Year Next-Business-Day On-Site Repair ⁸ with Printhead Self-Service ⁹	PSS8170SS2
4-Year Next-Business-Day On-Site Repair ⁸ with Printhead Self-Service ⁹	PSS8170SS4

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

¹ Versus previous generation. ² Part of the ink from the first cartridges/packs is used for initializing the printer. Ink usage will vary considerably based on images printed, print settings, paper type, frequency of use, temperature and humidity. Variance may be more pronounced when printing infrequently or predominantly with one ink color. Ink is used for printing and printer maintenance, and all colors must be available for printing. For print quality, a variable amount of ink remains after the "replace ink" indicator comes on. ³ All features of this system require an active Internet connection and the use of a supported browser. ⁴ For the latest drivers, visit epson.com/support ⁵ For convenient and reasonable recycling options, visit epson.com/recycle ⁶ SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency. ⁷ Product comes with a 1-year limited warranty with the option to purchase extended service plans up to a total of 5 years of continuous coverage. ⁸ Geographic limitations may apply. Service request must be received and processed by 1 p.m. Pacific Time, Monday through Friday, excluding holidays. See limited warranty or service plan for details. ⁹ Customer must sign up for an Epson Cloud Solution PORT account to utilize this plan. All features of this system require an active Internet connection and the use of a supported browser. See extended service plan for details.

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