EPSON®

SureColor® S8170

64-Inch Solvent Printer

Our fastest 64" solvent printer.

PRECISIONCORE PRINTHEAD

ULTRACHROME GS3 INK

ONYX go plus

Epson Edge Print PRO

Epson Cloud Solution
PORT®

Ultra fast speeds — over 20% faster print speeds[1] 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 mL[2]

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 PORT[3] 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 Volume[2] 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 Supported[4]

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

ONYX® 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)
Dimensions (with Lift Kit): 103.15" x 39.53" x 49.65"
(2,620 mm x 1,004 mm x 1,261 mm)
Weight (with Lift Kit): 785 lb (356 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 ℉ to 95 ℉ (15 ℃ to 35 ℃)
Operating (recommended): 68 ℉ to 89 ℉ (20 ℃ to 32 ℃)
Storage: -4 ℉ to 104 ℉ (-20 ℃ to 40 ℃)

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]
ONYX 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 Sticks
Media Cleaning Brush
User Guide Kit

Eco Features

ENERGY STAR® qualified
RoHS compliant
End-of-life options available[5]
Epson America, Inc. is a SmartWay® Transport Partner[6]

Ordering Information

SureColor S8170 Production Edition	SCS8170PE
Maintenance Parts Kit	C13S210153
Ink Cleaner	T699300
Waste Ink Bottle	T724000
Cleaning Sticks	C13S090013
Lift Kit	C12C940571

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 Plans[7]

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

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