

# ColorWorks® CW-C8000

High-Speed 4" Color Inkjet Label Printer



**Fast, high-quality on-demand color label printing for high-volume runs.**



PRECISIONCORE  
HEAT+FREE



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*Designed for use exclusively with Epson ink packs\*.*

**Exceptional print quality** — PrecisionCore® Heat-Free technology and UltraChrome® DL Inks deliver accurate colors, smooth gradations, precise barcodes and sharp text

**High-speed, on-demand color labels** — designed for mid- to high-volume batch runs, print multiple labels with variable data at speeds up to 11.8" per second<sup>1</sup>

**Reliable performance with PrecisionCore** — built for demanding applications, permanent printhead means fewer interventions and low maintenance costs

**High-yield 1.9 L total ink capacity<sup>2</sup>** — ideal for high-volume batch runs, allowing for fewer interventions, low cost per milliliter and low consumable waste

**ColorWorks' most advanced connectivity and remote management tools** — integrate large fleets with Epson Cloud Solution PORT<sup>3</sup>, cloud printing and optional Wi-Fi<sup>®</sup>

**Powerful fleet productivity with Epson Cloud Solution PORT<sup>3</sup>** — remotely view printer status, ink consumption and operation history

**Seamless workflow integration** — compatible with ZPL II<sup>®</sup>, major middleware, SAP<sup>®</sup>, Windows<sup>®</sup>, Mac<sup>®</sup> and Linux<sup>®</sup>; built-in ESC/Label<sup>®</sup> language

**Durable, high-quality labels** — UltraChrome DL Ink technology produces stunning labels that resist smudging, smearing and fading

**High efficiency and low power consumption** — PrecisionCore Heat-Free technology enables efficient ink usage and low energy usage

**World-class service and support** — includes a 1-year limited warranty; extended service plans available for up to a total of 5 years of continuous coverage

### Printer

**Print Method** Line inkjet, dot matrix  
**Print Resolution** 600 dpi x 1200 dpi  
**Print Speed** Up to 11.8" per second (300 mm/sec)  
**Color Adjustment** Epson Preferred Color, Epson Standard, Epson Vivid Color  
**Media Dispense Type** Auto cutter (scissor type), up to 1.5 million cuts  
**Printhead** PrecisionCore printhead, permanent  
**Paper-Feeding Mechanism Life** 500 km

### Ink

**Ink Type** UltraChrome DL SJIC47P pigment ink  
**Ink Colors** Cyan, Magenta, Yellow and Black (Gloss or Matte Black Options)  
**Ink Pack Configuration** Four (4) individual ink packs, 480 mL each pack<sup>2</sup>  
 This printer is designed for use with genuine Epson packs only, not third-party packs or ink\*.

### Media

**Supported Media Types** Die-Cut Label, Full-Page Label, Continuous Label, Tag  
**Supported Media Constructions** Plain Paper, Textured Paper, Matte Paper, Synthetic, Glossy Paper, Glossy Film, High Glossy Paper  
**Die-Cut Label Gap** 0.12" – 0.24" (3 mm – 6 mm)  
**Gap Sensor Position** Adjustable; 0.12" – 2.20" (3 mm – 56 mm) from left side; pitch: 0.04" (1 mm)  
**Black Mark Sensor Position** Fixed position; approximately 0.49" (12.4 mm) from left  
**Black Mark Width** 0.75" (19 mm) or more from paper edge  
**Black Mark Length** 0.16" to 1.0" (4 mm – 25.4 mm) with 0.16" (4 mm) or more of white space around the black mark  
**Maximum Print Width** 4.25" (108 mm)  
**Media Width**  
 Internal Roll Media (Min. – Max.): 1.0" – 4.40" (25.4 mm – 112 mm)  
 External Roll Media, Fanfold (Min. – Max.): 1.97" – 4.40" (50 mm – 112 mm)  
**Media Length (Min. – Max.):** 0.31" – 40" (8 mm – 1,016 mm)  
**Media Thickness (Min. – Max.):** 3.30 mils – 23.62 mils (0.084 mm – 0.600 mm)  
**Internal Roll Media**  
 Media Core Inner Diameter: 3.0" (76.2 mm)  
 Media Maximum Outer Diameter: 8.0" (203.2 mm)

### Connectivity

**USB** USB 3.0 (one port), USB 2.0 (one port)  
**Ethernet** 100Base-T/100Base-TX/10Base-T  
**Wi-Fi** Optional Wi-Fi dongle available (OT-WL06)  
**General-Purpose I/O Port** D-Sub 25  
**Print Utilities and Remote Management Tools**  
 EpsonNet SetupManager  
 EpsonNet Config SE  
 Epson Device Admin  
 Epson Deployment Tool  
 PrinterSetting  
 Color Tone Matching Assistant  
 USB Printer Class Device Replacement  
 Epson Firmware Updater  
 Epson Cloud Solution PORT<sup>3</sup> Production Monitor WebConfig

### General

**Display** 2.7" color LCD  
**Operating Systems Supported**  
 Windows® 11  
 Windows 10 (32-bit/64-bit)  
 Windows 8.1 (32-bit/64-bit)  
 Windows Server® 2022  
 Windows Server 2019  
 Windows Server 2016  
 Windows Server 2012  
 Windows Server 2012 R2  
 OS X® 10.9.5 or later, macOS® 10.12 or later  
 CentOS® 7 (x86\_64), Ubuntu 20.04 (x86\_64)  
**Direct Command-Based Printing** Zebra® ZPL II® native language support, plus command extensions, to allow for colorization of data; ESC/Label color command language; SAP® Direct Printing  
**Power Supply** AC Direct  
**Temperature**  
 Operating: 41 °F to 95 °F (5 °C to 35 °C), 20% to 80% RH  
 Storage (When Ink Is Loaded and Charged): Gloss Black Ink: 5 °F – 104 °F (-15 °C – 40 °C), up to 120 H; Matte Black Ink: 14 °F – 104 °F (-10 °C – 40 °C),  
**Power Consumption**  
 Operating: 83.0 W  
 Standby: 3.3 W  
 Power Off: 0.4 W  
**Rated Voltage** 100 V – 240 V  
**Rated Frequency** 50 Hz – 60 Hz  
**Acoustic Noise** Approx. 57 dB  
**EMI** FCC Class A, ICES-003 Class A  
**Warranty** 1-year limited warranty with Return for Repair

### Weight and Dimensions

**Printer Dimensions** (W x D x H) 24.4" x 15.4" x 16.5" (620 mm x 392 mm x 420 mm)  
**Printer Weight** 79.4 lb (35 kg)  
**Packaging Weight and Dimensions**  
 Packaging Dimensions (W x D x H): 32.2" x 22.7" x 24.3" (818 mm x 576 mm x 616 mm)  
 Packaging Weight 94.8 lb (43 kg)

### Eco Features

RoHS compliant  
 End-of-life options available<sup>4</sup>  
 Epson America, Inc. is a SmartWay® Transport Partner<sup>5</sup>

### What's Included

ColorWorks CW-C8000 printer (Gloss or Matte), four ink packs (CMYK), maintenance box, AC power adapter and cord, sample label roll and *Start Here* guide

### Ordering Information

CW-C8000 Matte Printer	C31CL02A9981
CW-C8000 Gloss Printer	C31CL02A9991
SJIC47P-BK Gloss Black Ink Pack	C13T55N120
SJIC47P-MK Matte Black Ink Pack	C13T55N520
SJIC47P-C Cyan Ink Pack	C13T55N220
SJIC47P-M Magenta Ink Pack	C13T55N320
SJIC47P-Y Yellow Ink Pack	C13T55N420
SJMB7500 Maintenance Box for C7500, C8000	C33S020596
TU-RC8000 Take-Up Unit	C32C882501



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\* 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** Printing in full 1200 x 600 resolution. | **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 convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | **5** SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

See the latest innovations from Epson Business Solutions at [www.epson.com/forbusiness](http://www.epson.com/forbusiness)



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