

# ColorWorks® CW-C8000

High-Speed 4" Color Inkjet Label Printer



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



**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 12" 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

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

### 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** 1000Base-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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