



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

Main features

- **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 300 mm per second¹.
- **Reliable performance with PrecisionCore®:** built for demanding applications, permanent printhead means fewer interventions and low maintenance costs.
- **High-yield 1.9 L total ink capacity²:** 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^{®3}, cloud printing and optional Wi-Fi[®].
- **Epson Cloud Solution PORT^{®3}:** remotely view printer status, ink consumption and operation history.
- **Seamless workflow integration:** compatible with ZPL II[®], major middleware, SAP[®], Windows[®], Mac[®] and Linux[®]; built-in ESC/Label[®] 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.

CW-C8000

Technical specifications



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®
Ink colors	Cyan, Magenta, Yellow and Black (Gloss or Matte Black Options)
Ink pack configuration	Four (4) individual ink packs, 480 ml each pack ²

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 Setup/Manager	
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® Production Monitor	
WebConfig	

General	
Display	2.7" color LCD
Operating systems supported	
	Windows® 11
	Windows® 10 (32-bits/64-bits)
	Windows® 8,1 (32-bits/64-bits)
	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 22.04 (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

What's Included
ColorWorks® CW-C8000 printer, four ink packs (CMYK), maintenance box, AC power adapter and cord, sample label roll and Start Here guide
**Black ink pack is not included*

Ordering Information		
ColorWorks® CW-C8000 Printer		C31CL02101
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
Dongle WiFi® OT-WL06-326		C32C891326

** 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.

See the latest innovations from Epson Business Solutions at epson.com/jm/colorworks-color-label-printers

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