EPSON® ColorWorks™ C831
Wide Color Label Printer

Epson's ColorWorks C831 industrial-strength label printer with tractor feeder is designed to handle the rigors of large-volume printing with fast print speeds, affordable high-capacity ink cartridges and exceptional reliability.

- Ideal for GHS large format drum and chemical labeling
- Industrial-strength MicroPiezo® inkjet printer with tractor feeder
- First inkjet solution that has been BS5609 certified[1]
- Printable area up to 8.0" x 22"
- Reliability up to 1.2 million labels[3]
- Low TCO vs. color lasers
- Fast print speeds of up to 16.5 pages per minute[2]

Another technology first from Epson

Epson's ColorWorks C831 breakthrough industrial-strength inkjet label printer is ideal for GHS large format drum and chemical labels. It combines all the benefits of a rugged color inkjet printer with the accuracy of an 8-pin tractor feeder and is the first inkjet solution that has been BS5609 certified.[1] It features print speeds up 16.5 pages/minute,[2] printable areas up to 8" x 22", precise label feeding to reduce jamming and high-density barcode printing, all at a lower cost than color thermal transfer or color laser printers.

Superior ink quality and durability

Unlike dye-based inks, Epson's world-renowned durable pigment-based inks firmly bind to media fibers, delivering outstanding stability and resistance to chemicals, water, fading and smudges. And the ColorWorks C831, with its durable inks, is certified to print on BS5609[1] approved labels, in addition to a wide variety of continuous paper and labels.

Exceptional reliability

Designed for commercial environments the ColorWorks C831 is built to last. It is dust and water resistant, can withstand weights up to 44 lbs on its top and is virtually maintenance free with a total print volume of up to 1.2 million labels.[3] And the print head is designed to be permanent, improving reliability and avoiding the need for frequent head replacement as with some competitive printers.

Easy to use and maintain

The ColorWorks C831 features easy access to all functions including ink replacement, an intuitive control panel, auto paper loading and more. And with its automatic paper release, paper jams are handled in no time. All of these features add up to increased productivity and reduced downtime to keep your business running.

Backed by the leader

The ColorWorks C831 wide color label printer delivers the quality and reliability that Epson printers are known for and is backed by Epson's industry-leading service and support programs.

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Printer

Print method	MicroPiezo® inkjet technology
Ink type[7]	Pigment ink, individual CMYK cartridges
Print speed (max.)[2]	
Draft mode	16.5 pages per minute
Normal mode	13.6 pages per minute
Super fine mode	7.0 pages per minute
Print resolution	720 dpi x 720 dpi maximum
Paper feeding method	Push tractor feed (rear in/front out)
Paper feed speed	Continuous feed 15 in./s (380 mm/s)
Media type	Continuous paper (plain paper, label, medicine bags)
Media dimensions	
Width	3.0–9.5 inches (76.2–241.3mm)
Length (one page)[6]	0.5–22.0 inches (12.7–558.8mm)
Thickness	2.5–7.5 mils (0.065–0.19mm)
Weight (1000 sheets)[5]	45kg–110kg
Printable area	
Maximum width[4]	8.0 inches (203.2mm)
Left margin	0.51 inches (13.0mm)
Right margin[4]	0.51 inches (13.0mm)
Top margin	0.08 inches (2.0mm)
Bottom margin	0.08 inches (2.0mm)
Barcode font (printer driver built-in)	Code 39, Code 128, Interleaved 2 of 5, EAN-13, EAN-8, UPC-A, UPC-E, POSTNET, QR Code
Interfaces	Hi-Speed USB, Bi-directional parallel (IEEE-1284 ECP mode supported)
Control code	ESC/P Raster (undisclosed)
Operating temperature	10–35 degrees C / 20–80% RH humidity
Storage temperature	-20–40 degrees C / 5–85% RH humidity
Reliability[3]	
Total print volume	1.2 million labels

General information

Overall dimensions	18.3 x 18.3 x 8.8" (W x D x H)
Weight	Approx. 26 lbs (12.2kg) — without ink
Power consumption	
Printing	Approx. 20 W (mean, ISO/IEC 10561 letter)
Standby	Approx. 2.3 W (sleep mode)
Rated voltage	AC 110–240 VAC
Rated frequency	50–60 Hz
Acoustic noise	Silent feed on: approx. 48dB (A)
	Silent feed off: approx. 50dB (A)
EMC standards	CNS13438 Class A
Safety standards	BSMI (CN14336), Green Mark Program compliant, UL/C-UL, NOM, Argentine, CE, EN60950
Operating system	Microsoft® Windows® XP 32-bit (SP3)/64-bit (SP2), Vista® 32 -bit/64-bit (SP2), Windows 7 32-bit/64-big, Windows Server 2003, Windows Server 2008

What's in the box

ColorWorks C831 printer
AC cord
Ink cartridge set (CMYK)
Quick setup sheet
Utilities/manuals CD
Power switch cover

18.3" 8.8" 18.3"

Ordering information

Product	Color	Model Number
GP-C831 Inkjet Printer	EPAG	C11CC68121
GJIC5(C) Ink Cartridge	Cyan	C13S020564
GJIC5(K) Ink Cartridge	Black	C13S020563
GJIC5(M) Ink Cartridge	Magenta	C13S020565
GJIC5(Y) Ink Cartridge	Yellow	C13S020566

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[1] Epson's ColorWorks C831 inkjet printer with Epson's DURABrite® pigment inks used in combination with Neenah Kimdura Poly media has been BS5609 certified.

[2] Print speed is based on printing the suite of ISO/IEC 24734 text and graphic images on 8.5" x 11" size pages. Speed of up to 16.5 pages per minute is based on draft mode. Actual print times will vary based on system configuration, software, and page complexity.

[3] Reliability based on 8.5" W x 5.5" H (216mm W x 140mm H) labels printing patterns of similar density to the ISO/IEC 24734 text and graphic images.

[4] The printable area is fixed relative to the left tractor starting at 5.1" (129 mm) from the left edge of the media. Right margin may be greater than 5.1" (129mm) if the media extends well past the printable area.

[5] Plain paper.

[6] The last 5.5" (140mm) of media at end of a stack or roll is a non-printable area.

[7] Cartridge yields vary considerably for reasons including images printed, print settings, temperature and humidity. Yields will be lower with higher-density images, hot or dusty conditions, less frequent printing, or printing pre-dominantly with one color. All ink colors are used for printing and printer maintenance, and all colors have to be installed for printing. For print quality, part of the ink from the included cartridges is used for printer startup and a variable amount of ink remains in the cartridges after the "replace cartridge" signal. See www.epson.com/cartridgeinfo for more information about EPSON ink cartridges.

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pos.epson.com/colorworks