

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 certified¹
- Printable area up to 8.0" x 22"
- Low TCO vs. color lasers
- Fast print speeds of up to 16.5 pages per minute²

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 to 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 BS5609¹ 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. 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.

Wide Color Label Printer for Large Volume Printing

Printer

| | |
|--|--|
| Print method | MicroPiezo® inkjet technology |
| Ink type ⁶ | 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) ⁵ | 0.5–22.0 inches (12.7–558.8mm) |
| Thickness | 2.5–7.5 mils (0.065–0.19mm) |
| Weight (1000 sheets) ⁴ | 45kg–110kg |
| Printable area | |
| Maximum width ³ | 8.0 inches (203.2mm) |
| Left margin | 0.51 inches (13.0mm) |
| Right margin ³ | 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), Ethernet 10/100 BASE-T |
| 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 |

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 (CNI14336), 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-bit, Windows Server 2003, Windows Server 2008 |

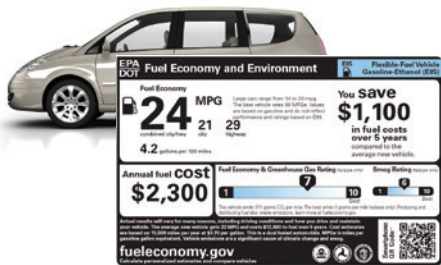
What's in the box

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



Ordering information

| Product | Color | Model Number |
|------------------------|---------|--------------|
| GP-C831 Inkjet Printer | EPAG | C11CC68122 |
| GJC5(C) Ink Cartridge | Cyan | C13S020564 |
| GJC5(K) Ink Cartridge | Black | C13S020563 |
| GJC5(M) Ink Cartridge | Magenta | C13S020565 |
| GJC5(Y) Ink Cartridge | Yellow | C13S020566 |



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 The printable area is fixed relative to the left tractor starting at .51" (12.9 mm) from the left edge of the media. Right margin may be greater than .51" (12.9mm) if the media extends well past the printable area.

⁴ Plain paper.

⁵ Smallest individual label is 0.5" (12.7mm). Shortest distance between perforations is 4.0" (102mm). The last 5.5" (140mm) of media at end of a stack or roll is a non-printable area. Total form length from one Top-Of-Form to next T.O.F. must be aligned to an exact 1/8th or 1/100th of an inch.

⁶ 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 predominantly 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.

