

ColorWorks Colour Label Range

ON-DEMAND COST-EFFECTIVE COLOUR LABELS



EPSON[®]
EXCEED YOUR VISION

TAKE CONTROL WITH ON-DEMAND COLOUR LABELS

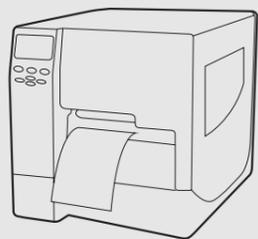
Print eye-catching custom colour labels when you need them with our on-demand printers. Two stage printing and wasteful pre-ordering are a thing of the past with Epson ColorWorks. Now you can print full colour labels first time, using your own designs and in quantities you will actually use.

Streamline your colour label production

Our on-demand inkjet colour label printers eliminate the traditional problems of thermal overprinting. Now you can simply print high-quality, customised colour labels, tickets and tags in-house, as and when you want them. No more wasting time, disruption, waste or inconvenience. No more pre-printed label inventory, production downtime, lost orders or late shipments.

Old process

1 Pre-printed colour and static data

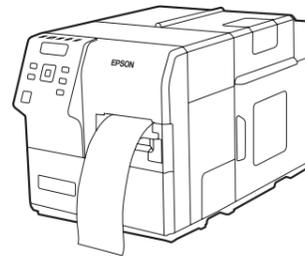
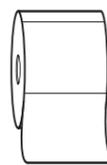


2 Over-printing black and variable data



New process (On-demand printing)

1 Print labels in full colour first time



Durable, cost-effective colour labels for a wide range of applications

From manufacturing and retail to pharmaceutical, healthcare and ticketing, there's a ColorWorks product that can make a real difference by giving you the flexibility to print the labels you need, when you need them. The ColorWorks C3500 and C831 are also ideal for companies who want to print labels that comply with the latest GHS (Globally Harmonised System) standards for chemical labelling.



Manufacturing

- Improve inventory management
- Make operating procedures clearer
- Highlight important information
- Enhance visual impact and branding
- Comply with GHS standards



Pharmaceutical and healthcare

- Highlight critical patient information
- Print large volumes easily
- Make labels clear and consistent
- Reduce the risk of errors



Retail

- Increase awareness of products
- Highlight product specifications
- Enhance branding
- Produce special and one-off labels



Ticketing

- Print individually designed tickets and ID badges
- Customise communication
- Improve visual identification

The benefits of on-demand colour label printing



Take control

- No pre-printed label ordering, you stay in control
- The whole label production process is now in your hands



Improve efficiency

- No time spent hunting for and retrieving correct pre-printed labels
- No production disruptions to change pre-printed rolls



Add flexibility

- Produce customised labels immediately
- Change designs on the run, print as many labels as you need



Increase speed

- Print in full colour without sacrificing printing speed
- Hugely improve total label production time



Eliminate unexpected charges

- Reduce charges for custom pre-prints
- Reduce label creation errors, reduce late deliveries and penalties



Eliminate label waste

- No label scrap due to design changes
- No need to order +10% of pre-printed labels to ensure enough buffer stock



Drastically reduce label inventory

- No more shelves full of pre-printed rolls
- Order and keep only 1 type of label: blanks

SET NEW STANDARDS IN INDUSTRIAL LABEL PRINTING



ColorWorks C7500 Series

Redefine speed, reliability and cost-effective printing by bringing your manufacturing label printing needs in-house. With the ColorWorks C7500 Series you can count on perfect colour labels that look outstanding, get your message across clearly and last a very long time.

Print consistently, reduce downtime

Maximise reliability and make every print perfect with robust hardware including the new PrecisionCore MicroTFP permanent printhead. Ensure consistent, uninterrupted quality with Nozzle Verification Technology that detects blocked nozzles, and dot compensation that compensates for them.

High reliability, running low costs

Enjoy excellent reliability and significant cost savings with the permanent printhead. **The standard warranty is one year or 500km of accumulated printed length, whatever comes first¹.**

Get set up and working with no fuss

Set up and get started quickly and easily with the LCD and control panel. Thanks to our newest printer command set, ESC/Label, you can incorporate your printer into virtually any operating system, while a full range of software utilities supports printer deployment.

ESC/Label



Industrial strength

Ensure longevity with a standard metallic chassis, autocutter and optional re-winder



High quality

Enjoy Epson print quality delivered by Variable Sized Droplet Technology



Plug and play

Seamless integration with the built in ZPLII emulation and ESC/Label language



Versatile

Print on a wide range of materials, up to 108mm wide

Durability

Count on superb performance with the new PrecisionCore permanent printhead and Nozzle Verification Technology

Reliability

Enjoy peace of mind because no major components will need replacing for at least 500km worth of printing²

Speed

Get great results quickly with a printing speed of 300mm/sec

Outstanding print quality

Produce eye-catching results with a resolution of 600x1200dpi

Simplicity

Set up and get started quickly and easily with the front facing LCD and control panel

ColorWorks C7500

Ideal for prints where durability is key



6.9066.-EURO without tax

ebsoft labels supplies
British standard certified.



Uses DURABrite Ultra pigment ink

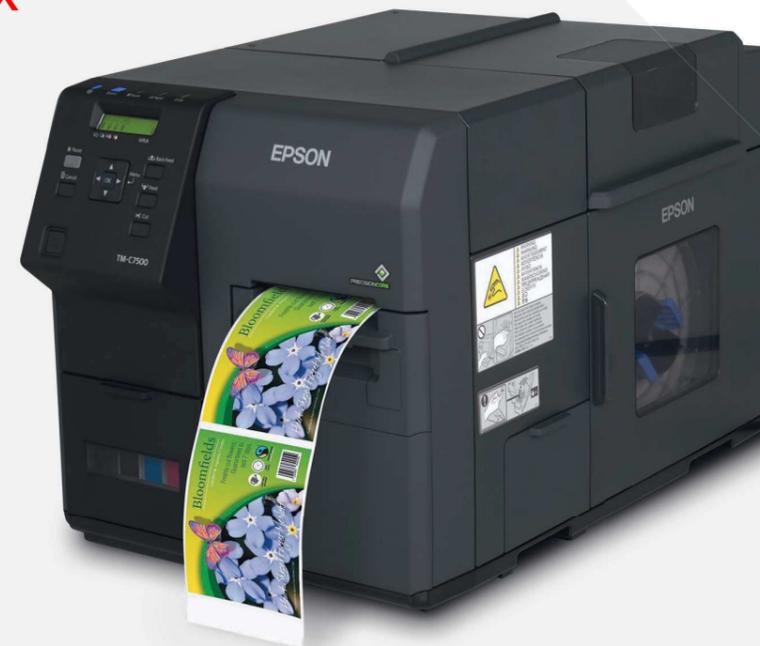


Primarily for printing onto matte media



ColorWorks C7500G

Combines excellent print quality and durability



Uses UltraChrome DL pigment ink



Primarily for printing onto glossy media



DESKTOP COLOUR LABEL PRINTING MADE EASY

“ Everything in our shops should reflect quality, reliability and broad diversity. Epson’s ColorWorks printer supports us to achieve this.”

Wim Vandeputte, Finance Manager
Light Gallery (Division of Philips Belgium NV)

ColorWorks C3500

ColorWorks C3500 is the most flexible member of the ColorWorks family. Simple to use, taking very little space at your desk, it allows you to print anything from a wristband, ticket or ID badge or even a durable synthetic label. All this in full colour, high-quality and a fast printing speed of up to 103mm/sec.

Key features

High-quality, four-colour inkjet printing (CMYK)
Individual ink cartridges save you money, as you only replace the colour used

Integrated autocutter
Easy setup software included
Complies with the BS5609 certification³



Effortless

Print labels in minutes with ease

Durable

Long-lasting pigment inks are smudge, water and fade resistant

Economical

A recent research report showed the ColorWorks C3500 had the lowest ink cost per print compared to two competitors⁴

ColorWorks C3400

The compact ColorWorks C3400 has everything you need to print colour enhanced tickets, tags and labels in a desktop environment. The simple front operation allows under-counter positioning, while its integrated autocutter ensures fast, accurate finishing.

Key features

High-quality, on-demand colour printing (CMY)
Print speed of up to 92mm/sec
Integrated autocutter

Low cost

Your investment is fail-safe thanks to the low initial cost of purchase

Compact

Simple front operation and compact size for under-counter positioning



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ebsoft labels supplies
British standard certified.



Easy to use

Monitor ink levels and printer status with the LCD display



Convenient

Access all functions easily from the front of the printer, including consumables



Durable prints

Produce long-lasting prints that resist smudging, fading and most liquids with Epson DURABrite Ultra pigment ink



Flexible

Stay in charge with direct control from applications including start-up label software



Reliable

Detect and fix clogged nozzles and dead barcode pixels with the Auto nozzle checking technology



Reliable

Ensure accurate barcode printing with Epson’s automatic nozzle checking technology (AID) that senses and fixes clogged nozzles



Maintenance-free

Forget about replacing the printhead or other working parts – they last for the lifetime of the printer



Versatile

Create high-quality prints on a wide range of materials, including matte and glossy-coated paper and synthetic media in a wide range of formats and sizes



Eco-friendly

Reduce environmental impact with low-power consumption and water-based inks

THE GHS COMPLIANT PRINTER FOR LARGE FORMAT COLOUR LABELS



“The specific processes at Eastman leave no room for errors, this is why we are reliant on a label system which provides reliable and traceable support for the material flows within the plant along with all of the quality control procedures. In view of this, the Epson systems are ideal for us.”

Ando den Engelsman, Quality Specialist at Eastman Chemicals in Middleburg, Germany

ColorWorks C831

This industrial-strength Micro Piezo inkjet label printer is perfectly suited to GHS large format drum and chemical labels.

It combines all the benefits of a rugged colour inkjet printer with the accuracy of an 8-pin tractor feeder and has been BS5609 certified⁵ (complies with the latest GHS standards for chemical labelling). It features print speeds of up to 91.7mm/sec printable areas of up to 203.2mm width, precise label feeding to reduce jamming and high-density barcode printing.

Key features

Print large colour labels quickly and easily, including large format drum and chemical labels

Rely on industrial-strength inkjet printing, including tractor feeder

Comply fully with BS5609 standard⁵

Get connected with standard parallel, USB and LAN interfaces

Durable

Comply with the latest GHS standards for chemical labelling

Reliable

Rely on precision engineering designed to give you five years of high-quality, hassle-free printing

Low TCO

Keep costs and downtime to a minimum – you'll never need to replace the printhead or other working parts

Create on-demand, GHS compliant labels

The traditional 2-step label printing process pre-prints empty pictograms then overprints with the specific label information using thermal transfer printing. But this unavoidably leads to empty pictograms. The only option is to try and cover these spaces, which can lead to what looks like printing mistakes.

However, with the ColorWorks Series you simply, precisely and perfectly print all pictograms and information onto blank labels in one smooth process. Our industrial inkjet technology is a cost-effective solution for bringing your business up to the new standard, and works seamlessly with DURABrite Ultra pigment ink and PE Matte Label media to deliver perfect labels every time.



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Fast
Print at high speeds up to 91.7mm/sec

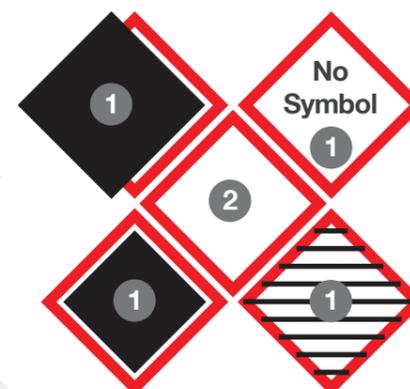


Outstanding print quality
Create superb high-resolution labels at up to 5760x1440dpi



Economical
Keep costs down with high-capacity individual ink cartridges

Pictograms that break GHS legislation



- 1 Different ways of covering pre-printed GHS pictograms
- 2 Empty pictograms

Full colour label printed on demand and is GHS compliant



- 1 Clearly print the exact pictograms and information required on demand

WHICH PRODUCT MEETS YOUR NEEDS?

Each product in the ColorWorks range has different capabilities. The table below shows, at a glance, which product and media is best suited to which application.

Industry	Application	Printer					Media					
		DURABrite Ultra pigment ink				UltraChrome DL pigment ink	Premium Matte Ticket	Premium Matte Label	High Gloss Label	PE Matte Label	BOPP Satin Gloss Label	BOPP High Gloss Label
		ColorWorks C9400	ColorWorks C3500	ColorWorks C831	ColorWorks C7500	ColorWorks C7500G						
 Manufacturing	Food and drink label		••			••		••		••	••	
	Packaging label	•	••		••	•	••	•		••	••	
	Cosmetic labels		•			••		••		••	••	
	EU energy label	•	••		••	•	••	••	•	•	•	
	GHS label (<4in wide)		••	•	••				••			
	GHS label (>4in wide)			••					••			
 Pharmaceutical and Healthcare	Prescription label	••	••				••					
	Laboratory label	••	••						••			
	Syringe label	••	••						••			
	Pharmaceutical label	••	••				••					
 Retail	Shelf tag	•	••			••	•					
	Price tag	•	••			••	•					
	Recipe label	••	••			••	•					
 Ticketing	Event ticket	•	••			••						
	ID badge	•	••			••			•			

•• Recommended
• Also suitable

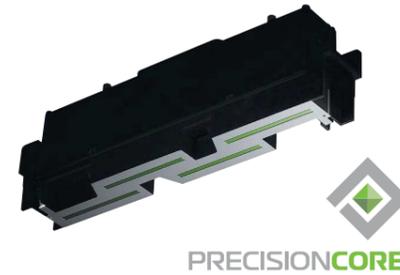
If you have any questions about either our products or our media, please visit www.epson.eu/colorworks

QUALITY THROUGH TECHNOLOGY

The combination of the new PrecisionCore technology, dot placement accuracy and superior quality of Epson ink delivers unbeatable print quality, reliability and speed.

PrecisionCore Technology

PrecisionCore is Epson's most advanced printhead architecture. It builds on our market-leading Micro TFP technology. PrecisionCore is the power behind our renowned industry-leading output quality and durability, delivered at the high speeds required for commercial and industrial printing. This means that you can rely on your ColorWorks C7500/C7500G to deliver consistent, accurate results, especially on small text, graphics and barcodes.



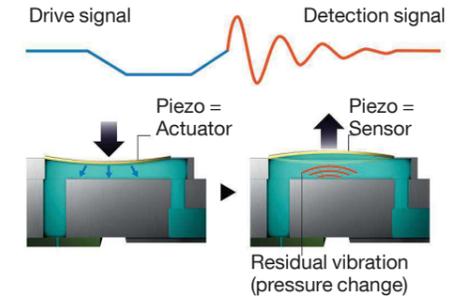
Self maintenance

Whenever the printer needs to carry out some internal maintenance there's no need to cut the paper or interrupt label production. The printhead has two positions – 'print' and 'home' – and it simply moves to the required position while maintenance takes place.



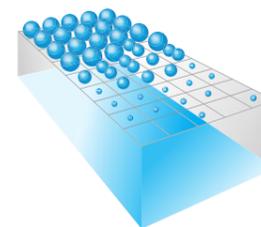
Nozzle Verification Technology (NVT)

Our printers are designed to deliver on-going print perfection with minimum user intervention. NVT works constantly behind the scenes to detect and bring blocked nozzles back to maximum operating performance.



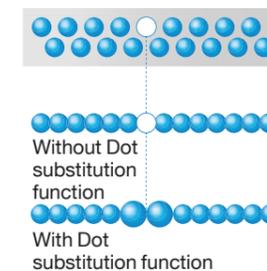
Variable Sized Droplet Technology (VSDT)

You get the perfect combination of speed, quality and efficient ink use with Epson VSDT. This targets the most suitable ink droplet size to different areas of a print to produce clarity in areas of fine detail while delivering optimum efficiency for larger areas of colour.



Dot substitution function

Blocked nozzles are normally fixed and back in action quickly and automatically, but should a nozzle remain temporarily blocked there's no reduction in print quality. This is because the neighbouring nozzles can print larger ink droplets to cover the affected print area.



Pigmented ink technology

To make sure that the ColorWorks C7500 Series is optimised to best meet the demands of our customers, two types of pigmented ink have been designed to specifically address certain needs for specific applications.

Epson's DURABrite Ultra ink is ideal for customers who want durable prints and who primarily want to print onto matte media. Our UltraChrome DL inks deliver high print quality and offer great results on glossy media.

