ColorWorks C8000e

On-demand industrial colour labelling

ColorWorks
Do labels differently



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ColorWorks C8000e

The C8000e series was developed with industrial labelling in mind.

It expands our market coverage by adding new media and connectivity options.

Stylish and modern design, using large ink pouches to print long runs without interruption.

It combines high speed, control and flexibility with high quality on-demand colour labelling.



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Introducing the C8000 series



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Combining the best of the range

Fast 300mm/s printing





PRECISIONCORE PRINTHEAD

Colour management



Ink set

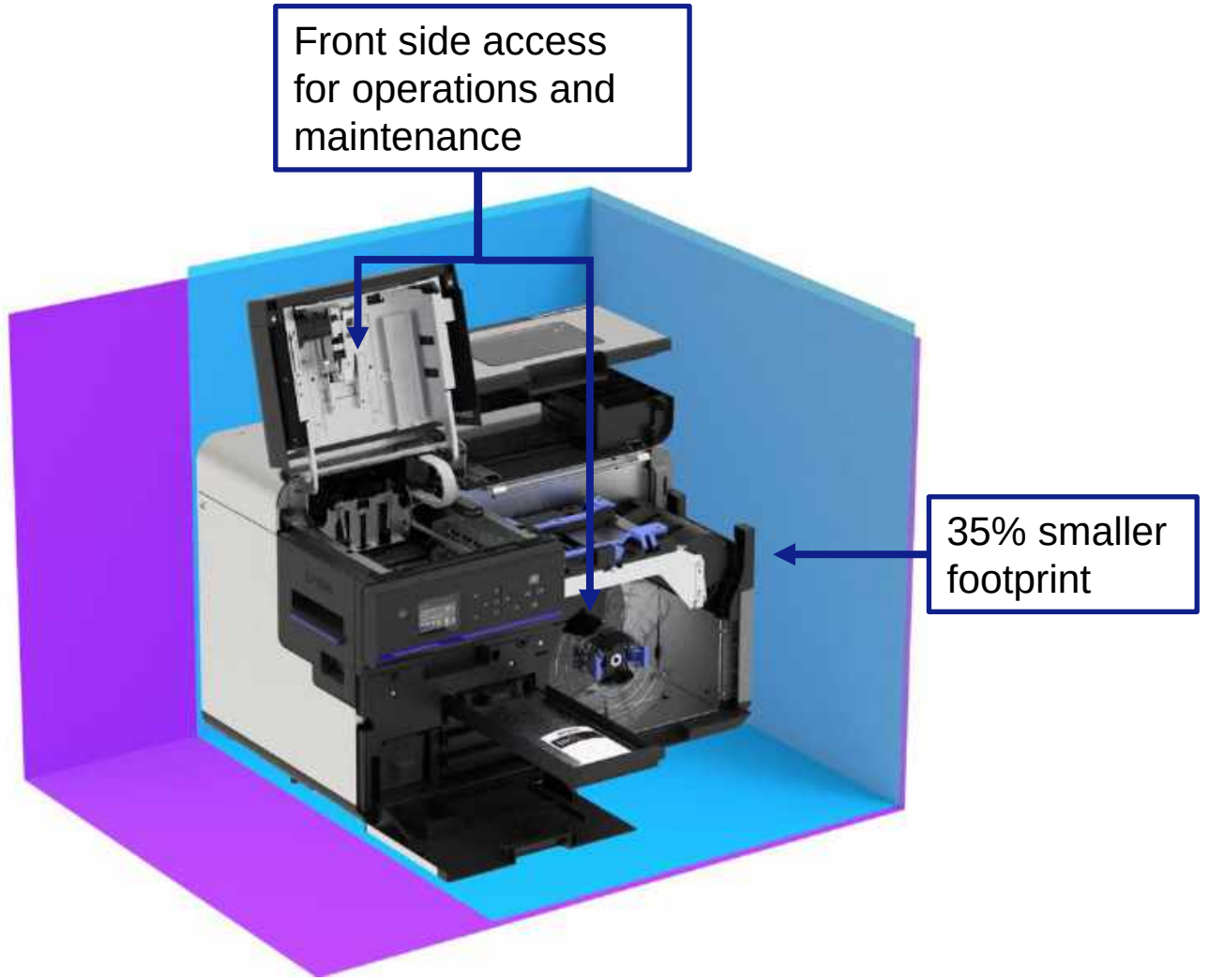
Connectivity



New design

Stylish but robust, with a metal chassis.





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Access and maintenance



Designed for better access and easier maintenance





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Current models



ColorWorks C3500

Simple to use, flexible and compact, it allows you to print anything from a wristband, ticket or ID badge to a durable synthetic label. All this in full colour, high-quality and at a fast-printing speed of up to 103mm/sec.



ColorWorks C4000e

Desktop model designed to give the print quality and connectivity of the C6000 series with the size and market needs of the C3500.



ColorWorks C6500 series

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



ColorWorks C7500 series

Ideal for high-volume printing where durability is key. The Epson ColorWorks C7500 series sets new standards for reliable, high-speed, high-quality colour label printing that meets manufacturers' labelling needs.

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How the C8000 series fits into the ColorWorks range

Productivity (print volume and job size)

High

Low

Industrial

ColorWorks C6500Ae/Pe
8" version
Peeler and Auto-Cutter





ColorWorks C7500

ColorWorks C7500G



ColorWorks C8000e



ColorWorks C4000e



ColorWorks C6000Ae/Pe
4" version
Peeler and Auto-Cutter

ColorWorks C3500



Desktop

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Overview of key benefits

High speed and consistently high-quality printing.

High-capacity ink pack system for large print batches.

Durable matt with BS5069 certification and shining glossy labels.

Versatile media options to address diverse applications, including textured paper, price tags, narrow and RFID labels.

Flexible colour matching and management features.

ERP Direct printing with SAP ABAP drivers.

Easily integrate with existing infrastructure and switch from monochrome to colour without changing software.

Complete warranty cover.

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Key benefits – Print quality

High speed and consistency

300 mm/sec with a 600x1200dpi resolution

Nozzle Verification Technology

Match solid colours to ICC profiles and spot brand colours

Two types of black ink for matte and glossy media

Improved printing quality

Sharper fonts

Vivid and solid colours

Spot Colour Management and ICC profiling

Improved NVT helps to keep print consistency



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Key benefits - Ink

High ink autonomy

Large 480ml ink pouches

Highest volume in its class, which helps you print long runs without interruption

Less plastic, less waste



Durable inks

Achieve smooth gradations and fine lines with variable size droplet technology

UltraChrome DL pigment inks for durable labels

BS 5609* certified when printing on relevant materials

EPSON ULTRACHROME INK

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Key benefits – Media flexibility

New sensor set

Exclusive movable and hole sensors allow printing on any shape, without a second die cut

The movable sensor also enables support for a bigger variety of media cut outs

These sensors, together with the black mark sensor and gap detector, will allow you to have very flexible capabilities for both thin and thick media up to 0.6mm



Flexible compatibility

Glossy, matte and textured paper

Label widths from 25mm - 112mm

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Key benefits - Connectivity

Rich connectivity capabilities

Compatible with Windows, Linux, Mac/iOS, and Android

Native drivers available from major middleware label software providers, including BarTender, CodeSoft and NiceLabel

Ethernet, USB 3.0 and Optional Wi-Fi connectivity



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Key benefits – Easy integration

Easy to integrate to different infrastructures

ZPLII support helps to easy replace legacy printers without changing ERP/software

ESC/Label helps you to easily colorise your ZPL templates

SAP ABAP drivers for direct printing

Android, iOS and WebApp SDKs help to build bespoke applications



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Key benefits – Compatibility



Windows, MacOS and Linux drivers

SAP direct printing with ABAP drivers for better integration with ERP systems



iOS, Android and WebApp SDK for developing applications and services



ZPLII support with ESC/Label enhancement for seamless integration with legacy systems

BarTender BY SEAGULL SCIENTIFIC

Loftware

CODESOFT

PC-free and cloud printing with MW drivers and cloud services



Wi-Fi dongle (optional)

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Key benefits – Maintenance and operation

Easy maintenance and configuration

Cloud Monitoring, Management and Epson Device Admin for printer fleet remote monitoring, configuring, managing and reporting

Built-in Web-config server works with various OS

Smart self-maintenance algorithms

Less cleaning

Reduced service time

Easy operation with reduced footprint

Front access operations: inks, media, maintenance

Stylish, but robust, with a metal chassis that is approximately 35% smaller than the previous model

2.7" intuitive LCD display

PC-free and cloud printing



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Key benefits - Support

Service support

Complete peace of mind

No caveats – everything is covered under warranty, even the printhead

A set of CoverPlus subscriptions are available as an optional extra to provide cover for the lifetime of the printer

Key Markets

- Chemical labels (GHS)
- Pharmaceutical
- Warehouse and logistics
- Horticulture
- Product labelling
- Food and beverages
- Manufacturing

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Chemical Labelling (GHS)

What customers want

GHS compliance

Streamline label production

Produce clear images and pictograms

Our solution

Durable labels that meet GHS standards

Short-run and fast label printing avoids ordering extra labels you don't need

Pigmented durable inks

BS 5609 certification



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Pharmaceutical

What customers want

Durable and high-quality labels

Robust design ensuring fast print speeds, and efficient roll-to-roll configuration

Reduced downtime and ensure continuous operation

Our solution

Print full-colour customisable on-demand labels

Industry-standard compliance and seamless integration

Extended ink autonomy and remote management tools



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Warehouse and logistics

What customers want

Improve traceability with colour-coding

Reliability

Save costs, reduce waste

Integrate into different platforms

Our solution

Pigmented durable inks

BS 5609 certification for durability

Metal chassis with CoverPlus+ for peace of mind

Lowest TCO in the class

ESC/Label, ZPLII, Linux and SAP direct print support



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Horticulture

What customers want

Durable and high-quality labels

Thick synthetic media support

Highlight key product information

Save costs, reduce waste

Our solution

Pigmented durable inks

Up to 0.6mm media thickness

600x1200dpi max resolution for fine bar code detail

Lowest TCO in the class

Straight paper path with optional rewinder



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Product labelling

What customers want

Personalise packaging

Highlight key product information

Manage inventory

Our solution

1-by-1 customised label production

ICC profile can be applied

600x1200dpi max resolution for fine bar code detail

Gloss and matt media support

Ease of loading media and removing paper jam

Spot-colour matching



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Food and beverages

What customers want

Show key product information

Create eye-catching special offers

Increase customer loyalty

Quality and consistency on various media



Our solution

Ingredient and food allergen Information in full colour; traffic lights, Nutri-score etc

Highlight promotions with high quality print, on-demand

Upsell with personalised labelling

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Manufacturing

What customers want

Fast printing of durable and high-quality labels

Consistent and continuous printing

Integrate-ability and reliability

Variety of media thicknesses and shapes

Our solution

High speed 300mm/sec, high quality 600x1200 dpi and consistent printing

Large print autonomy

ERP and Cloud printing

Speciality labels, printed on-demand

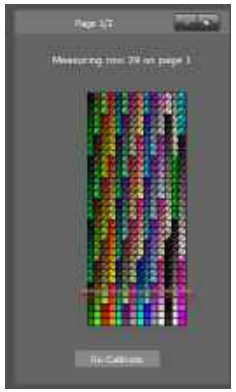


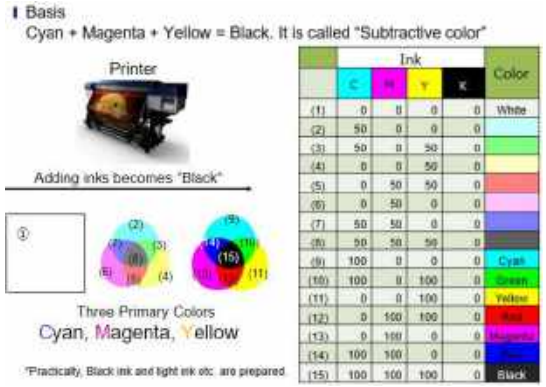
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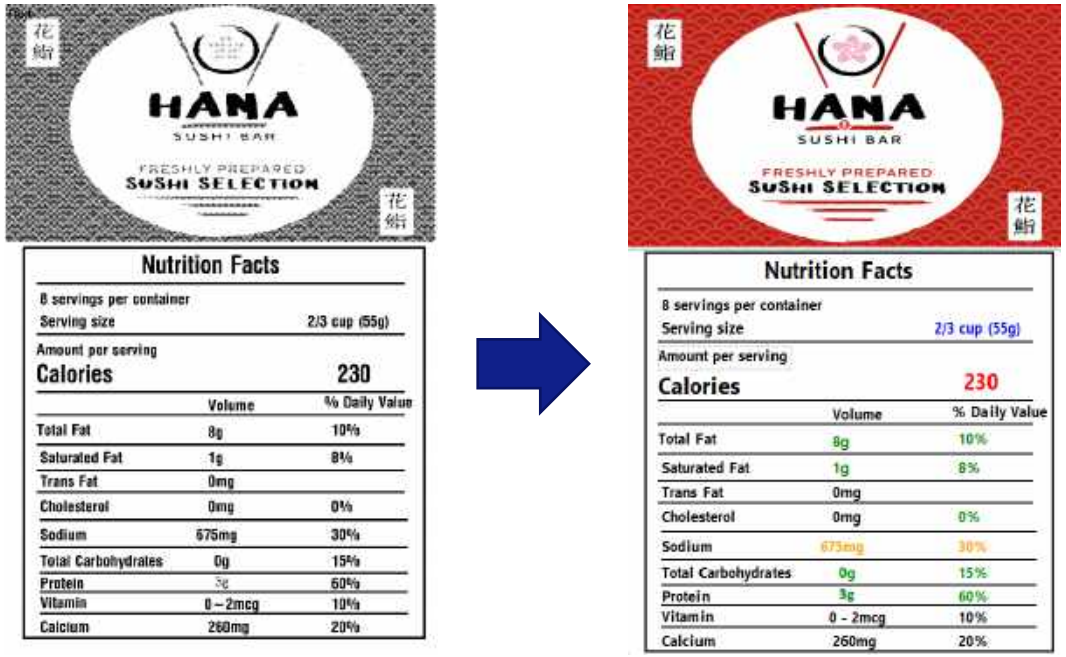
Workshops and trainings to support

Colour management workshop





ZPLII and ESC/Label colourising workshop



PC-free cloud printing workshop



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The on-demand advantage



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Scenario 1 | Wine Label

QUANTITY	SIZE	MEDIA
1,000,000	10 x 7.5cm	PAPER

On-demand

can save you 1 tonne of CO_2



	2 Step Process (Flexo / Thermal)	Digital Process
CURRENT CO_2	2 TONNES	1.5 TONNES
	ColorWorks	ColorWorks
SAVING WITH ON-DEMAND	1 TONNES	500 KG

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This is assuming that the paper is printed with 60% coverage and 20% of those labels are white disposed of/scrapped during their life.

Calculated using the CO2 calculator.

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Scenario 2 | Chemical

QUANTITY	SIZE	MEDIA
1,000,000	21 x 21cm	PLASTIC

On-demand

can save you 8 tonnes of CO_2



	2 Step Process (Flexo / Thermal)	Digital Process
CURRENT CO_2	23 TONNES	20 TONNES
	ColorWorks	ColorWorks
SAVING WITH ON-DEMAND	8 TONNES	5 TONNES

This is assuming that the paper is printed with 60% coverage and 20% of those labels are white disposed of/scrapped during their life.

Calculated using the CO2 calculator.

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Appendix


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estilo
CAMPUS-LT
BLACK
WOMENS
FEAST
EPSON

Printer SKUs, consumables and options



C8000e **BK** (C31CL02102BK)

C8000e **MK** (C31CL02102MK)



SJIC48P-BK Black ink cartridge (C13T55P140)
SJIC48P-C Cyan ink cartridge (C13T55P240)
SJIC48P-M Magenta ink cartridge (C13T55P340)
SJIC48P-Y Yellow ink cartridge (C13T55P440)
SJIC48P-MK Matt Black ink cartridge (C13T55P540)



SJMB7500 Maintenance box (C33S020596)



TU-RC8000 rewinder for the CW-C8000e (C32C882501)

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Materials to support

Printed label samples are available on request from your local sales representative.





Brochures, datasheets and other marketing materials are also available.

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Software to support

Before Label Boost

Warehouse shipping software

UPS WorldShip

BarTender FedEx Ship Manager

Loftware



Print Job (ZPL)

Sending directly to printer



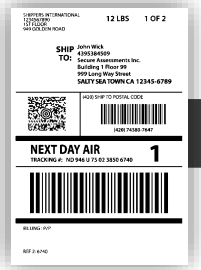
With Label Boost

Warehouse shipping software

UPS WorldShip

BarTender FedEx Ship Manager

Loftware



ZPL

User prints to "ColorWorks Printer for Label Boost" virtual printer

Label Boost



ZPL

Label Boost applies enhancement and sends to ColorWorks printer



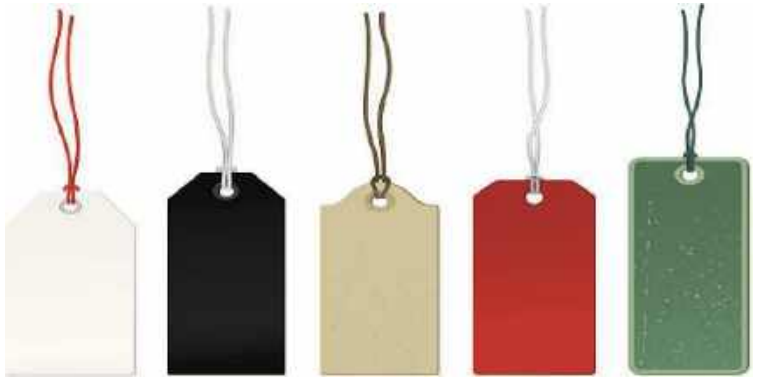
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Improved quality and flexibility



Improved printing quality



Adjustable media thickness



Large 480ml ink pouches



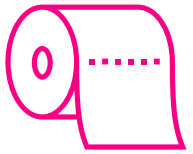
New set of sensors for more media choices

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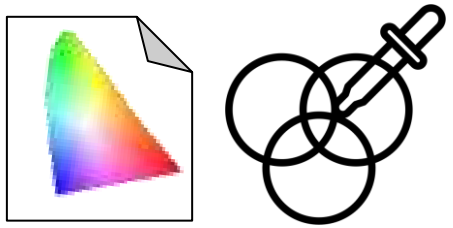
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Improved support

CMY + BK or MK ink sets are the best match with the right media



Variety of media support (incl. thick media up to 0.6mm and narrow media with 25.4mm width)



ICC Profiling and Spot Colour Management



Remote and cloud monitoring and reporting



Web config: use your browser to configure the printer

Thank you



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