

SCALE UP YOUR BUSINESS WITH LEADING DIGITAL LABEL SOLUTIONS.



Elevate Your Business with Streamlined, High-Performance Digital Label Solutions.

Digital label printing is a game-changer, offering unmatched flexibility and efficiency for your label production. It provides consistent quality for complex designs and handles variable data with ease, allowing you to quickly adapt to market demands and expand into new segments. This innovative approach minimises waste, accelerates production, and ensures exceptional quality at every turn. With the Epson SurePress, you can streamline operations and stay ahead of the competition, confidently meeting evolving customer expectations.

EMBRACE DIGITAL PRINTING

Overcome Challenges and Thrive

Choosing digital printing for label production is crucial for businesses due to its numerous benefits, such as accommodating intricate artwork and customisation, efficiently managing variable data, and enabling on-demand printing.

Digital printing enhances efficiency and meets customer demands with ease by enabling quick design changes, reducing setup times, and minimising waste. As conventional printing methods struggle to keep up and experienced operators retire and leave the industry, digital printing offers a solution by streamlining operations and ensuring high quality and consistent results.

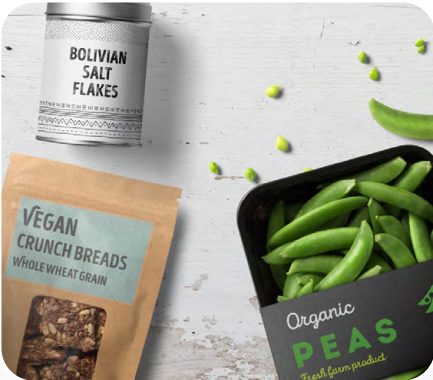
Leverage Trends to Gain a Competitive Edge



TREND #1
Demand for customisable and personalised labels



TREND #2
Retirement of experienced print operators demands automation



TREND #3
On-demand variable data printing for short run jobs



TREND #4
Access to detailed and real-time information with serialised labels



TREND #5
Traceability rising across industries (digital track and trace)

Complement Conventional with Digital Printing

In today's rapidly evolving market, conventional printing methods face challenges in managing on-demand or small volume orders with wide variations and handling variable data efficiently. To scale your business, relying solely on conventional printing is no longer sufficient.

Adopting a hybrid approach that complements conventional with digital printing enhances flexibility, speed, and turnaround times, supporting you to meet diverse customer needs and stay competitive.



	Conventional Printing	Digital Printing
Pantone Accuracy	True spot colours require specific purchases; can match most Pantone colours.	Extended gamut capabilities match up to 90% of Pantone colours.
Substrates	Prints on various substrates but may emit harmful volatile organic compounds (VOCs).	Prints on a wide range of substrates without harmful chemicals.
In-line Finishing	Automated finishing processes like laminating, over-varnishing, sheeting, and die-cutting are fast.	Finishing is separate; set-up is often simpler but can be less integrated.
Cost-Effective for Volume	Requires plates and setup costs, making it cost-effective only for high-volume jobs.	Eliminates setup and plate costs, suitable for small-medium jobs.
User-Friendly	Manual setup requires a skilled operator and offers limited flexibility for saving job settings.	User-friendly with saved settings for faster setup and repeated jobs.
Colour-Consistency	May experience colour variations across runs.	Consistent colour from first to last print job with accurate spot colour matching.
Versioning	Difficult to produce multiple variations simultaneously.	Easily produces numerous variations in a single run.
Turnaround Time	Longer lead times are associated with plate setup and preparation.	Rapid job completion within 1 day; no plate setup.

What label print jobs will you be able to cater to?



Liquors
Labels for wine bottles, craft beer and spirits



Industrial Products
Labels for electronic products, name plates for products of limited quantity



Novelty
Labels for personalised or limited quantity products



Food/Beverages
Labels for jams, cheeses, hams and bottled water



Pharmaceutical
Labels for supplements, medicines



Masking Tape
Masking tape, craft tape



Household Products
Labels for private brand samples and local brand products



Cosmetics
Labels for private brand cosmetics and samples



Window Graphics/POP
Indoor/outdoor POP, posters, signage

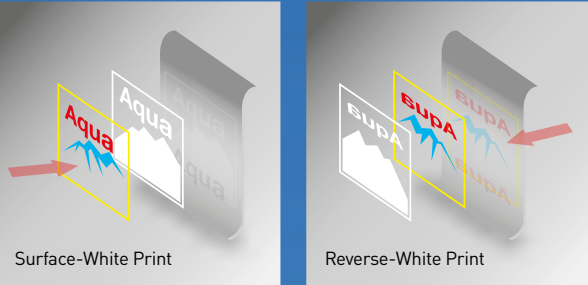
SUREPRESS L-4733AW

STUNNING PRINTS WITH AQUEOUS INK TECHNOLOGY

The Epson SurePress L-4733AW streamlines short-run label printing with enhanced efficiency, productivity, and ease of use. Designed for stability and consistency, the L-4733AW includes automated maintenance to reduce downtime.

Epson SurePress AQ Ink

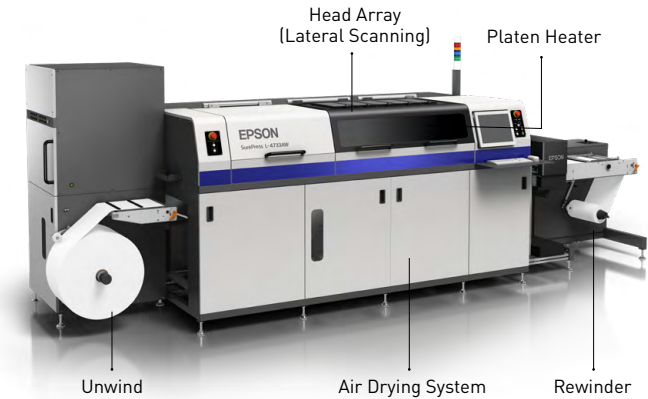
The SurePress L-4733AW features a water-based pigment ink set with eight colours, including green and orange, for an extended colour gamut and precise colour matching. It offers excellent adhesion on various substrates without the need for pre-treatment or coatings, and includes an opaque white ink option.



Superior Quality and Efficiency

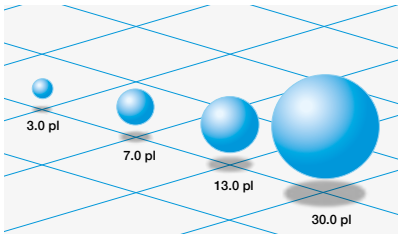
Dual Drying Process

The SurePress L-4733AW ensures exceptional print quality and efficiency with its two-stage drying process. A platen heater fixes the image onto the substrate, while hot air removes any remaining moisture, resulting in vibrant, high-quality prints.



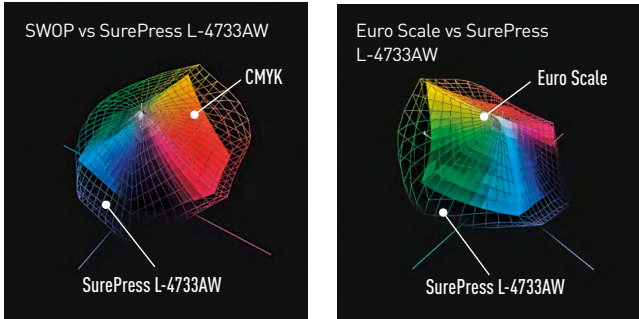
Variable-Sized Droplet Technology

Epson's Variable-Sized Droplet Technology produces different sized ink droplets as small as 3.0 picolitres. These precisely-sized droplets allow the ink to be uniformly applied, contributing to smooth gradations and accurate colours for optimum image quality.



Wider Colour Gamut

The printer utilises a water-based pigment ink that offers a broad range of colours - green and orange, along with cyan, magenta, yellow, black, uncoated black, and white to achieve higher print accuracy and colour saturation. This enhancement is particularly noticeable in the bright green to yellow and yellow-orange-red areas.



MicroPiezo Multi-Printheads

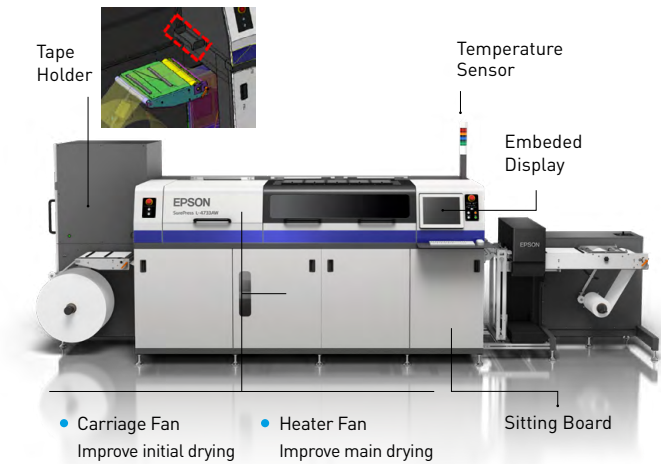
The SurePress utilises Epson's advanced MicroPiezo technology, known for its high-quality output, reliability, and performance. This technology precisely controls ink droplet size and placement through variable electrical charges, ensuring accurate colour reproduction and sharp detail, ideal for barcodes and small text.



Increased Productivity and Accuracy

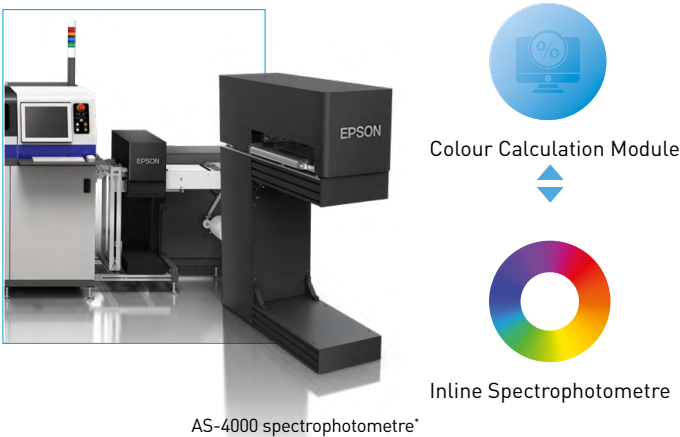
Ease-of-Use Features

The SurePress L-4733AW simplifies operations with dual ink cartridges that auto-switch to prevent downtime, easy cartridge replacement, and real-time ink level monitoring via an embedded display. Maintenance is streamlined and supported by remote diagnostics, and enhanced features such as a temperature sensor, tape holder, and drying fans for efficient production.



Precise Spot Colour Matching

The SurePress L-4733AW supports the SureSpectro AS-4000 spectrophotometer, allowing the digital label press to realise highly accurate colour matching for all prints.



*The AS-4000 is an optional component for the main unit.

SUREPRESS L-6534VW

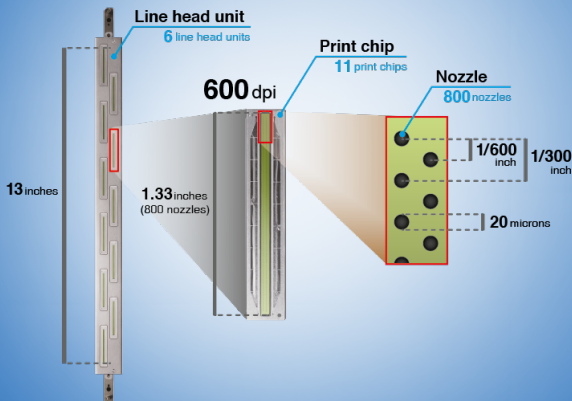
IMPRESSIVE VERSATILITY WITH ENDLESS POSSIBILITIES

Take your label prints to the next level with the Epson SurePress L-6534VW. Developed with Epson’s proprietary PrecisionCore Linehead Inkjet technology, the L-6534VW makes labels stand out by printing spot varnish finishes with tactile effects. The Orange Ink option enhances print sharpness and extends the colour gamut, delivering stunning print vibrancy and coverage of up to 92% Pantone colours*, resulting in beautiful prints.



Next-Level Performance

The SurePress L-6534VW PrecisionCore linehead delivers productivity with single-pass printing at up to 600x1200 dpi resolution, utilising Variable Sized Droplet Technology for smooth gradation and greyscale. Its advanced drum platen ensures precise web feeding, preventing misalignment and achieving excellent colour registration. With a minimal 0.7mm gap between the printhead and substrate, it delivers accurate ink placement for sharp text and fine lines.



*The Pantone certification is based on the following conditions: Substrate: Fasson AB074PP Top White, Print Speed: 15m/min.

Flexible Ink Options

Digital Varnish Ink SurePress L-6534VW

The L-6534VW features spot varnish capability with Epson’s innovative digital varnish technology, allowing for both gloss and matte spot finishes to be applied anywhere on the label. This flexibility enables brand owners to create unlimited tactile designs and effects, enhancing product appeal and differentiation.



Gloss Labels Matte Labels Spot Varnish

Orange Ink Printing SurePress L-6534VW with Orange Ink

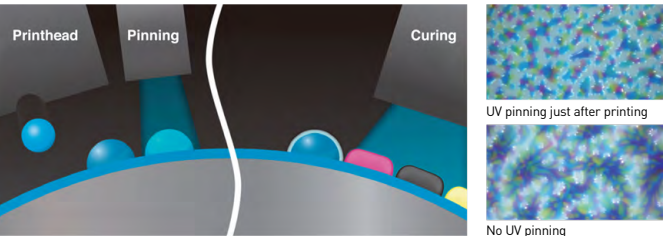
The L-6534VW with Orange Ink delivers vibrant, high-accuracy prints with smoother gradation and higher colour fidelity. Certified for up to 92% Pantone coverage*, this printer’s six-colour process ensures broad Pantone range coverage, allowing operators to quickly achieve stunning, colour-accurate prints that capture attention.



Outstanding Quality and Stable Operation

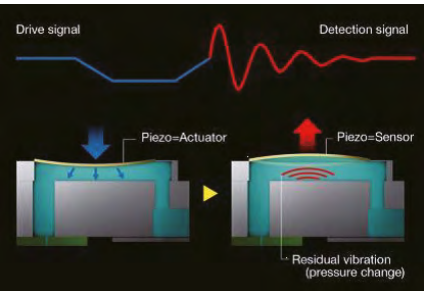
UV Pinning System on All Colours

UV light is applied immediately after each colour is printed, ensuring the PrecisionCore head deposits perfectly round drops in precise positions. This technology prevents ink from spreading or deforming, resulting in vivid colours, smooth gradations, and sharp text. By quickly stabilising the ink, it achieves the wide and accurate colour gamut that brand owners demand for high-quality printing.



Stable Operation

The SurePress L-6534VW features automatic printhead cleaning, maintenance function checks, web cleaner and Nozzle Verification Technology, which automatically assesses nozzle status to ensure all nozzles are checked after cleaning and before printing. An Ionizer also eliminates static electricity, improving ejection stability.



Nozzle Verification Technology

Versatile Range of Applications

Advanced Inks for Diverse Substrates

Epson’s high-opacity white ink ensures vivid colours and sharp text on clear or metallic substrates.

Epson’s UV-curable inks meet BS5609 and UL969 standards for high durability, resisting peeling, rubbing, and fading.

Epson’s formulated inks support a wide range of flex materials. With low-temperature UV LED curing, you can expand your printing options by printing on heat-sensitive substrates such as PE and shrink film.



Food Contact Materials (FCM) Compliance

L-6534VW inks comply with Food Contact Material regulations (EC No. 1935/2004)¹ and are on the approved substances listed on the Swiss Ordinance². Ink production is done under the hygiene process control (GMP³), ensuring hygiene with a limit of fewer than 100 bacteria per gram, similar to drinking water standards. Based on PIM Regulations, the L-6534VW ink will not migrate beyond the limit of the inside of the label or packaging substrate or packing film substrate⁴.



¹ The L-6534VW inks are not intended for direct food contact printing. The safety compliance judgment for the finished product is the responsibility of the final manufacturer, as it is based on the customer’s packaging form. Swiss Ordinance (RS 817.023.21 Annex 10)
² Good Manufacturing Practice (EC No. 2023/2006)
³ Plastic Implementation Measure (EU No. 10/2011).
⁴ Based on the packaging form conditions assumed by Epson

SurePress L-4733AW		SurePress L-6534VW	
SUREPRESS DIGITAL LABEL PRINTERS			
	MicroPiezo Inkjet Technology		PrecisionCore Linehead Inkjet Technology
	720 x 1,440 dpi		600 x 1,200 dpi
	Variable-Sized Droplet Technology		Variable-Sized Droplet Technology
	315.2mm x 914.4mm		330mm x 1,000mm
Print	Print Technology		
	Maximum Print Resolution		
Ink	Gradation Process		
	Maximum Image Size		
Ink Type	SurePress AQ Ink T4 (SurePress AQ Inks)		UV Curable Inks
	Black, Uncoated Black, Cyan, Magenta, Yellow, Orange, Green, White, Moisture Liquid, Over Print Liquid, Storage Liquid		L-6534VW Black, Cyan, Magenta, Yellow, White, Digital Varnish, Storage Liquid L-6534VW with Orange Ink Black, Cyan, Magenta, Yellow, White, Orange, Storage Liquid
Print Speed	Speed		Productivity Mode
	Up to 8.2m/min*		50m/min
Substrate	4 Pass		Standard Mode
	5m/min		30m/min
Substrate Width	6 Pass		High Density Mode
	3.6m/min		15m/min
Substrate Thickness	8 Pass		Reverse White Mode
	2.8m/min		7.6m/min
Substrate Type	16 Pass		
	1.4m/min		
Unwinder Capacity	Wh 4 Pass + Colour 6 Pass		
	1.5m/min		
Dimensions (W x D x H)	Wh 6 Pass + Colour 6 Pass		
	1.3m/min		
Weight (kg)	Wh 8 Pass + Colour 6 Pass		
	1.1m/min		
Operating Environment	80mm to 334mm		80mm to 340mm
	80 to 320 microns		80 to 320 microns
Electrical Supply	Standard self adhesive label substrate, semi gloss, gloss and matte paper stock, BOPP, PET, Yupo and pre-laminated film		Adhesive paper, adhesive film, single-layer paper, and single-layer film
	600mm diameter/ 100kg weight/ 1,000m length		600mm diameter/ 100kg weight/ 1,000m length
Exhaust Fan	5,100 x 1,910 x 2,020mm (including rewinder)		4,250 x 2,290 x 2,520mm
	Approx. 1,870kg		Approx. 2,640kg
Compressed Air	18 – 28°C		20 – 28°C
	RH 35 - 55% (No condensation)		RH 35 - 55% (No condensation)
Network	Input voltage range: Rated voltage 10% (180 – 220V)		Main Unit AC 200V ±10% (3 phases 3 lines + PE)
	Rated voltage: AC (3 phases 3 lines) 200V		Corona Treater AC 200 - 240V ±10% (Single phase + PE) 15A Additional UV Lamp AC 200 - 240V ±10% (Single phase + PE) 40A

* The actual throughput depends on a few factors:

1. The print quality required (which will determine the number of pass required)

2. The type of substrates used (which will have an impact on drying temperature and time balancing with the material robustness under heater. i.e. no crumbling etc.)

Note: The L-6534VW inks are not intended for direct food contact printing.

Find out more at www.epson.com.sg/bebold-surepress



EpsonSingapore



EpsonSingapore



EpsonSoutheastAsia



Epson Singapore



EpsonSingapore

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