

SurePress L-6534VW UV inkjet digital label press

Take high quality label printing further, faster



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# High print speeds with exceptional print quality

The SurePress L-6534VW is a premium quality UV inkjet digital label press, designed for high productivity and outstanding finish at print speeds up to 50 meters per minute.

Designed by Epson, the L-6534VW ensures the high print quality you demand is delivered at the speed you need, enabling you to meet diverse customer requirements. New to the SurePress L-6534VW, 'high-speed mode' offers high production output at 50 m/min. 'Standard mode' operates at an output speed of 30 m/min for high quality, and for the widest colour gamut, there's the 15 m/min 'high density mode'. The press also offers high-opacity white ink plus a 'reverse white mode' which enables white ink to be printed on-top of colours.

The press is highly versatile and with built-in reliability and stability functions, it ensures consistent, high quality results, time-after-time.

The innovative drum platen and UV pinning system ensure a consistently outstanding finish across a range of substrates, in all print modes. The drum platen holds substrates in place as it moves past the various printheads, achieving accurate colour-to-colour registration and enhancing quality. The UV pinning system ensures ink droplets don't spread as they cure, achieving sharp lines and smooth gradations.

Consistent colour on repeated print jobs.

A gloss or matte finish can be printed selectively or overall with digital varnish.

-  Liquors
-  Industrial Products
-  Pharmaceutical
-  Household Products
-  Novelty
-  Food/Beverages
-  Cosmetics
-  Window Graphics/POP



UV LED pinning controls the spread of ink dots to achieve near flawless half tones, smooth vignettes and pin-sharp detail and text.

# Enhanced versatility and quality with extra capabilities

Whatever the job, Epson's label press delivers premium print quality and added value thanks to durable inks, UV pinning and an innovative drum platen.



## Drum Platen

The drum platen is a highly accurate web feeding technology. It holds the substrate tightly to prevent meandering and skewing of the web. The substrate is held to the drum as it passes all the printhead colours, to provide excellent colour to colour registration.

The drum platen ensures the gap between the printhead and substrate is kept very small (0.7 mm), enabling accurate ink placement, crisp text and fine lines.



Gloss



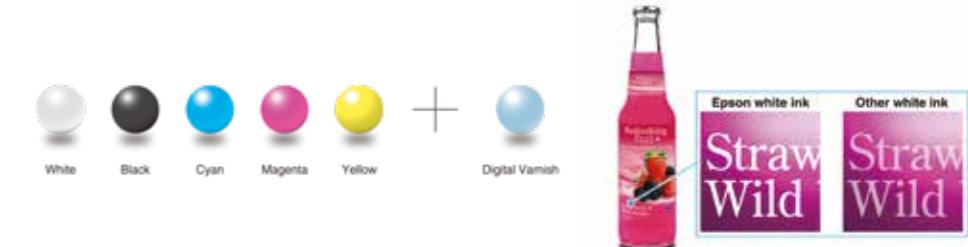
Matte



Spot varnish

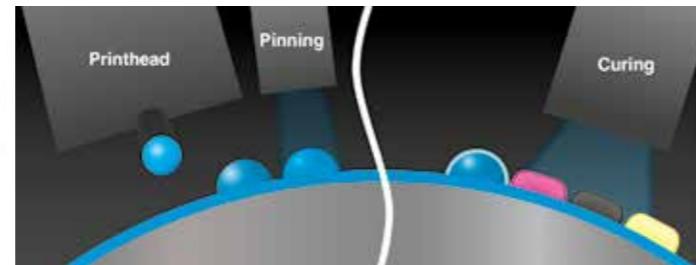
## High-opacity white ink

The single pass high-opacity white ink provides an ideal base layer for printing vivid colours on clear or metallised substrates. The bright white ink also reproduces opaque fine text and lines.



## UV pinning on all colours

UV light is applied immediately after each colour is printed. This allows the PrecisionCore head to apply perfectly round drops in their correct positions. The UV pinning prevents ink drops from spreading or deforming as ink is cured before absorption into substrates, enabling the reproduction of vivid colour, smooth gradations and sharp, detailed text. This achieves the wide and accurate colour gamut brand owners require.



Without pinning

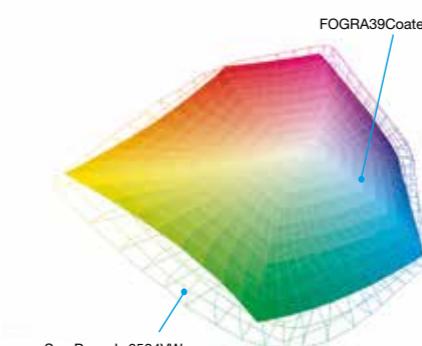


With pinning



## Wide gamut

Epson UV ink contains a high concentration of pigment particles and along with the LED UV pinning enables wide gamut and vivid colours.



# Consistency without compromise

The SurePress L-6534VW features a range of market-leading, Epson-designed technology, ensuring high quality is not compromised across repeated jobs.

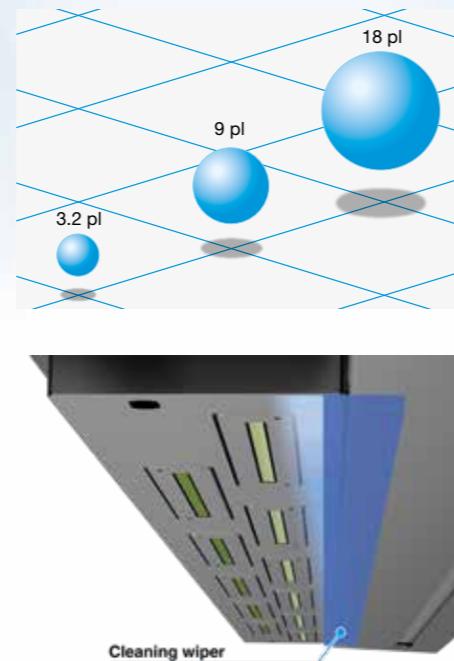
## Variable Ink Droplet Technology

Epson's reliable PrecisionCore printhead delivers high productivity through single-pass printing with up to 600x1200dpi. The Variable Sized Droplet technology enables beautiful gradation and grey scale using droplets as small as 3.2 pl.

The Epson-designed, innovative PrecisionCore printheads consistently fire uniform ink droplets using accurate circular nozzles, enabling exact drop placement for razor sharp definition. Ink spreading is minimised with the assistance of UV pinning across the wide colour gamut. Offer your customers definition and precision, with the SurePress L-6534VW.

## Stable Operation and Intelligent Automation

Unique to Epson, Nozzle Verification Technology (NVT) automatically checks if a nozzle is firing and initiates a cleaning cycle, if necessary. To minimise downtime and keep printing throughout each shift without operator intervention. NVT monitors nozzle status automatically by applying voltage to piezo elements and detecting malfunctions in milliseconds. All nozzles are checked after cleaning and before printing.



## Highly durable ink

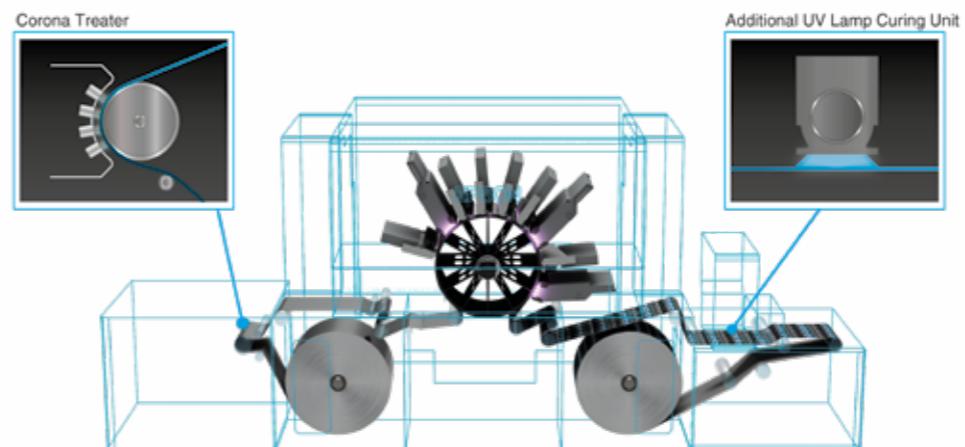
Labels printed with Epson UV ink have passed BS5609<sup>6</sup> and UL969<sup>7</sup>.



## Versatile and adaptable processes

The SurePress L-6534VW offers full-colour variable data printing and supports a wide range of substrates for various applications. The corona treater, web cleaner, ioniser, and an additional UV lamp are fitted as standard.

The low temperature UV LED lamps enable printing on heat sensitive substrates such as PE.

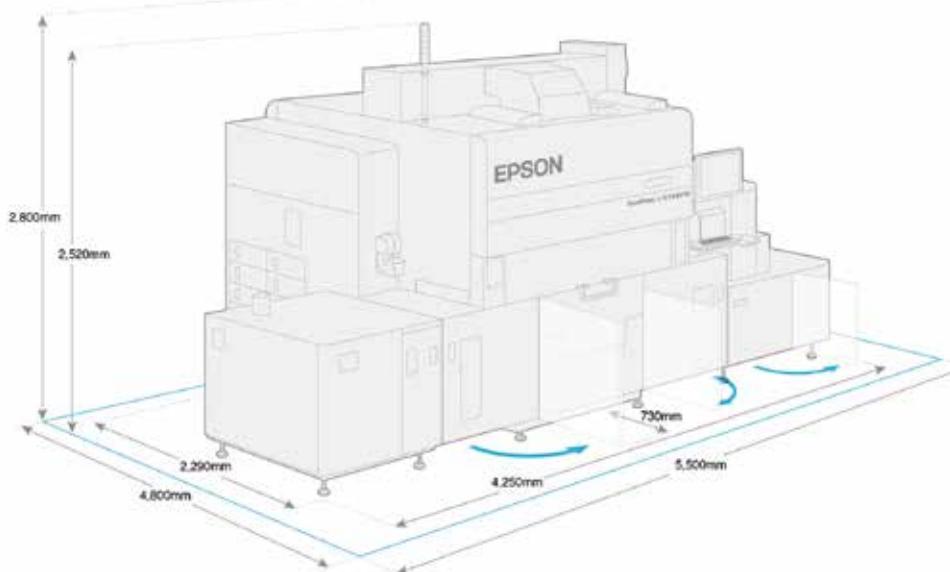


## Customer support by remote monitoring system

24/7 remote diagnostics, analysis and operational status monitoring is available to support your business and ensure continuity and productivity across multiple shifts.



Model		SurePress L-6534VW
Print	Print Technology	PrecisionCore linehead inkjet technology
	Maximum Print Resolution	600 x 1200 dpi
	Gradation Process	Variable-Sized Droplet Technology
	Maximum Image Size	330 mm x 1000 mm
Ink	Ink Type	UV Curable Inks
	Ink Cartridges	Black, Cyan, Magenta, Yellow, Digital Varnish, White, Storage liquid
Print Speed	Productivity Mode	50 m/min
	Standard Mode	30 m/min
	High Density Mode	15 m/min
	Reverse White Mode	7.6 m/min
Substrate	Substrate Width	80 mm to 340 mm
	Substrate Type	Adhesive paper, adhesive film, single-layer paper, and single-layer film
	Substrate Thickness	80 to 320 microns
	Unwinder Capacity	600 mm diameter / 100 kg weight / 1000 m length
Dimensions	Dimensions (W)	4250 (W) x 2290 (D) x 2520 (H) mm
Weight	Weight	Approx. 2640 kg
Environment	Temperature	20 - 28degC
	Humidity	RH 35 - 55%, Non-condensing required
	Space For Operation	5.5 m x 4.8 m x 2.8 m (W x D x H)
Electric Supply	Main Unit	AC 200 V +/- 10% (3 phases 3 lines + protective earthing)
	Corona Treater	AC 200 - 240 V +/- 10% (Single phase + protective earthing) 15A
	Additional UV Lamp	AC 200 - 240 V +/- 10% (Single phase + protective earthing) 40A
Exhaust	Main Unit	40-55 m³/min Ø250 mm
	Corona Treater	12 m³/min or more Ø100 mm
	Additional UV Lamp	10-15 m³/min Ø200 mm, 150 mm
Compressed Air	Compressed Air	0.5 - 1.0 Mpa
Network	Network	10BASE-T/100BASE-T/1000BASE-T



1 Not all SurePress inks comply with FCM Regulations.

2 Commission Regulation (EC) No 1935/2004 is the framework legislation for FCMs. The purpose of the Regulation is to ensure the effective functioning of the internal market for materials and articles intended to come into contact directly or indirectly with food and to secure a high level of protection of human health and the interests of consumers. 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 is based on the customers' packaging form.

3 Swiss Ordinance (RS 817.023.21 Annex 10)

4 Good Manufacturing Practice (EC No. 2023/2006)

5 Plastic Implementation Measure (EU No. 10/2011). Based on the packaging form conditions assumed by Epson

6 BS5609 approved. Internationally recognised specification for printed labels, especially for marine use. It is a requirement for drum labels that need international maritime dangerous goods certification. Lightfastness equates to Blue Wool scale 6.

7 UL969 and CSA Certified. The standard for Marking and Labelling systems. It refers to self-adhesive labels that are used for permanent product identification; typically name plates, for appliance equipment, that include rating information, instructions or schematics.

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