

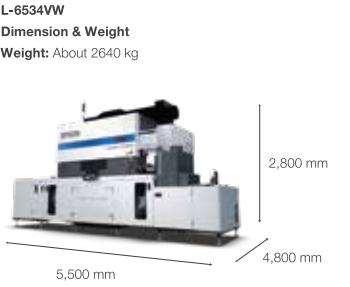
SPECIFICATIONS
SurePress L-6534VW

MODEL NUMBER	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 - 28°C
Humidity	RH 35 - 55%
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 + PE)
Corona Treater	AC 200 - 240 V +/- 10% (Single phase + PE) 15 A
Additional UV Lamp	AC 200 - 240 V +/- 10% (Single phase + PE) 40 A
Exhaust	
Main Unit	40-55 m ³ /min Φ250 mm
Corona Treater	12 m3/min or more Φ100 mm
Additional UV Lamp	10-15 m3/min Φ200, 150 mm
Compressed Air	
Compressed Air	0.5 - 1.0 Mpa
Network	
Network	10 BASE-T/100 BASE-T/1000 BASE-T

*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.
*2 Swiss Ordinance (RS 817.023.21 Annex 10)
*3 Good Manufacturing Practice (EC No. 2023/2006)
*4 Plastic Implementation Measure (EU No. 10/2011). Based on the packaging form conditions assumed by Epson

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Partner's Stamp

UV INKJET DIGITAL LABEL PRESS
SurePress L-6534VW

EPSON

STUNNING AND
IMPECCABLE UV
LABEL PRINTING



SurePress L-6534VW

Impressive Versatility. Endless Possibilities.

The Epson SurePress L-6534VW is made to bring your printing needs to the next level. Developed with Epson's proprietary printing technology, the L-6534VW makes labels stand out with its ability to print spot UV colours. Expect productivity that will surely impress with the PrecisionCore linehead, which not only prints at impressive speed but also produces droplets as small as 3.2 pl, resulting in images of the highest quality. With the Epson printing technology you have come to expect and a wider colour gamut from the Epson UV ink, you can create beautiful prints that pop with the L-6534VW.

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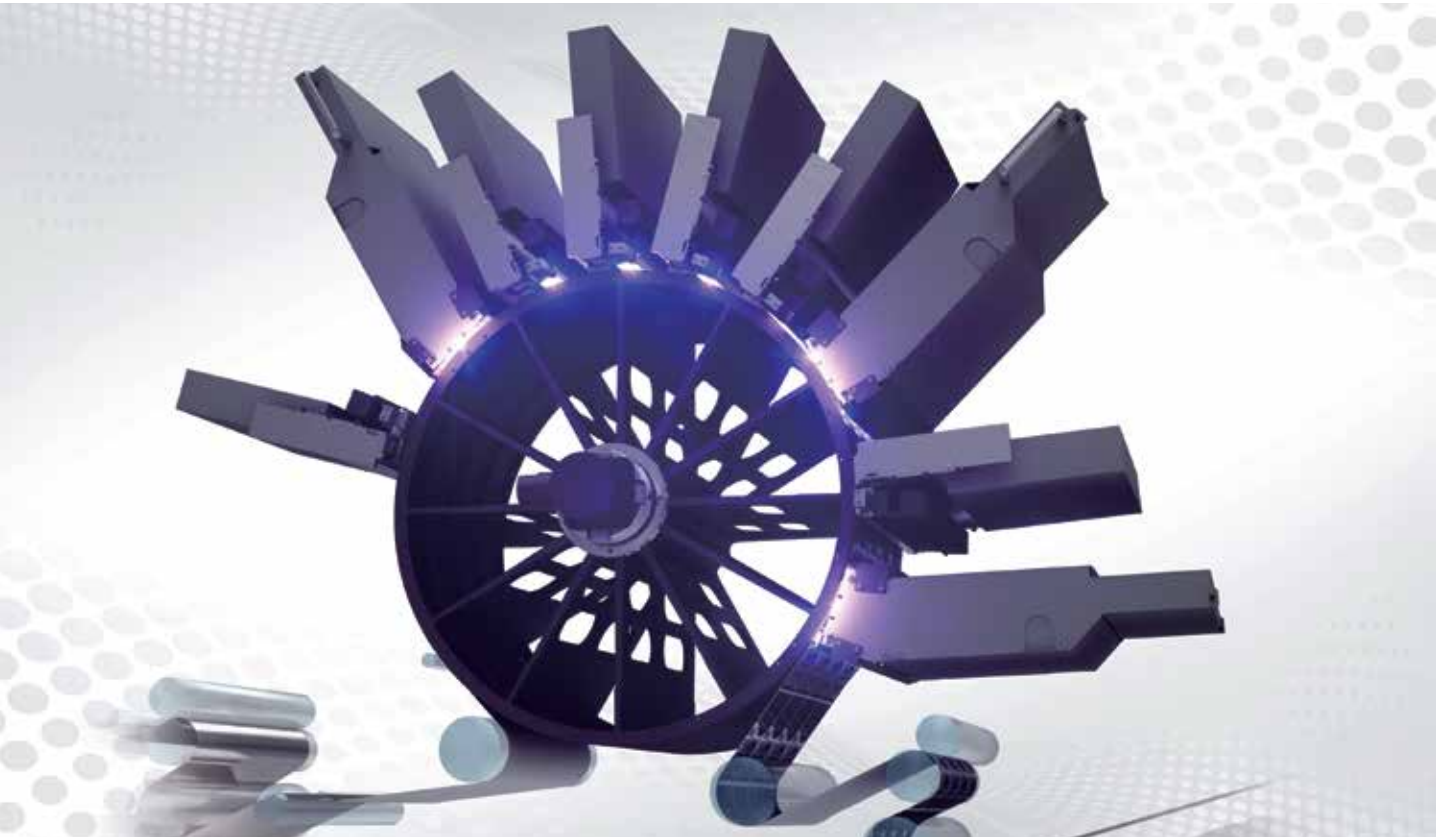
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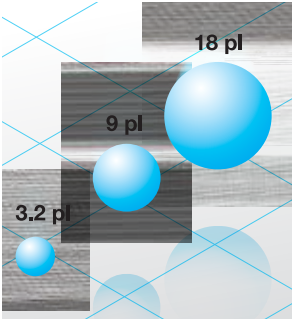
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HIGH PRODUCTIVITY



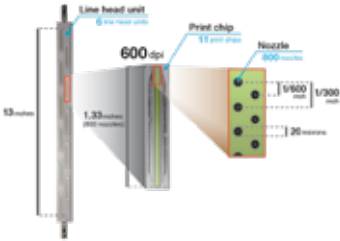
PrecisionCore Linehead

The L-6534VW PrecisionCore linehead delivers high productivity through single-pass printing with up to 600x1200 dpi with droplets as small as 3.2 pl using VSDT (Variable Sized Droplet Technology) enabling beautiful gradation and grey scale. PrecisionCore print chips consistently fire uniform dots using precision made ultra circular nozzles that allow precise drop placement to create razor ultrasharp definition.



Drum Platen

The L-6534VW uses a drum platen, a highly accurate web feeding technology that holds the substrate tightly to prevent meandering and skewing of the web. The substrate is "fixed" to the drum, as it passes all printhead colours, hence providing excellent colour-to-colour registration. The drum platen allows the gap between the printhead and substrate to be kept very small (0.7 mm), ensuring accurate ink placement, crisp text and fine lines.



HIGH QUALITY PRINTING

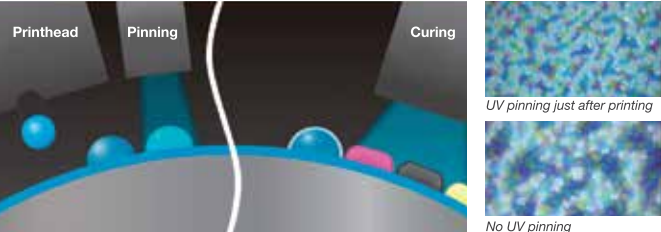
Digital Varnish Ink

The L-6534VW features spot varnish capability with Epson's innovative digital varnish. A gloss or matte spot finish can be printed anywhere on the label, allowing brand owners to utilise unlimited tactile designs and effects.



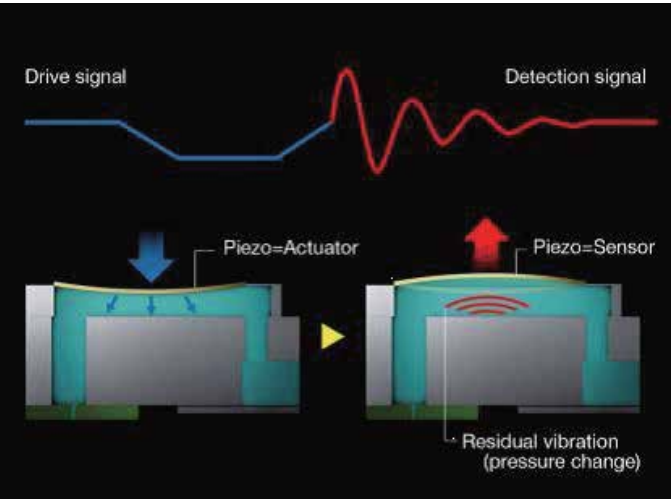
UV Pinning System On All Colours

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, allowing for the reproduction of vivid colour, smooth gradations and sharp, detailed text. This achieves the wide and accurate colour gamut brand owners require.



Stable Operation

The L-6534VW automatically cleans and checks the printhead function. Nozzle Verification Technology checks nozzle status automatically by applying voltage to piezo elements and detects malfunctions in milliseconds. All nozzles are checked after cleaning and before printing. The head maintenance function cleans nozzles automatically to minimise operator interaction and increase automation. The web cleaner wipes off debris on the surface of the substrate along with the exhaust fan of the corona treater. Additionally, an ionizer removes static electricity on the surface of the substrate and improves the ejection stability during printing.



Nozzle Verification Technology



Auto Head Maintenance

Wide Range Of Substrates And Versatile Applications

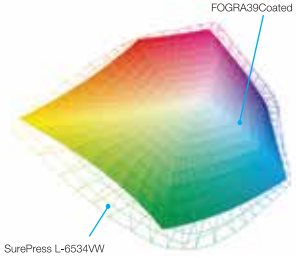
Epson's formulated inks enable the use of a wide variety of standard flex materials. A corona treater and final UV lamp are included to enhance printing on typical substrates. The low-temperature UV LED cure allows for printing on heat-sensitive materials, such as PE and shrink film.



Epson UV Ink

Wide Colour Gamut

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



High-Opacity White Ink

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



Highly Durable Ink

Labels printed with Epson UV ink have passed British Standard BS5609 and UL969 for all test criteria, including peeling, rubbing resistance, and fading evaluation.



Food Contact Materials (FCM) Compliance

The L-6534VW inks comply with the Food Contact Material regulation (EC No. 1935/2004) ¹

These inks are on the approved substances listed of the Swiss Ordinance. ²



Ink production is conducted under the hygiene process control (GMP³) of the food level standard "less than 100 bacteria / g of general bacteria of drinking water".

Based on PIM Regulations, the L-6534VW ink will not migrate beyond the limit of the inside of the label or packing substrate, including packing film substrate. ⁴