

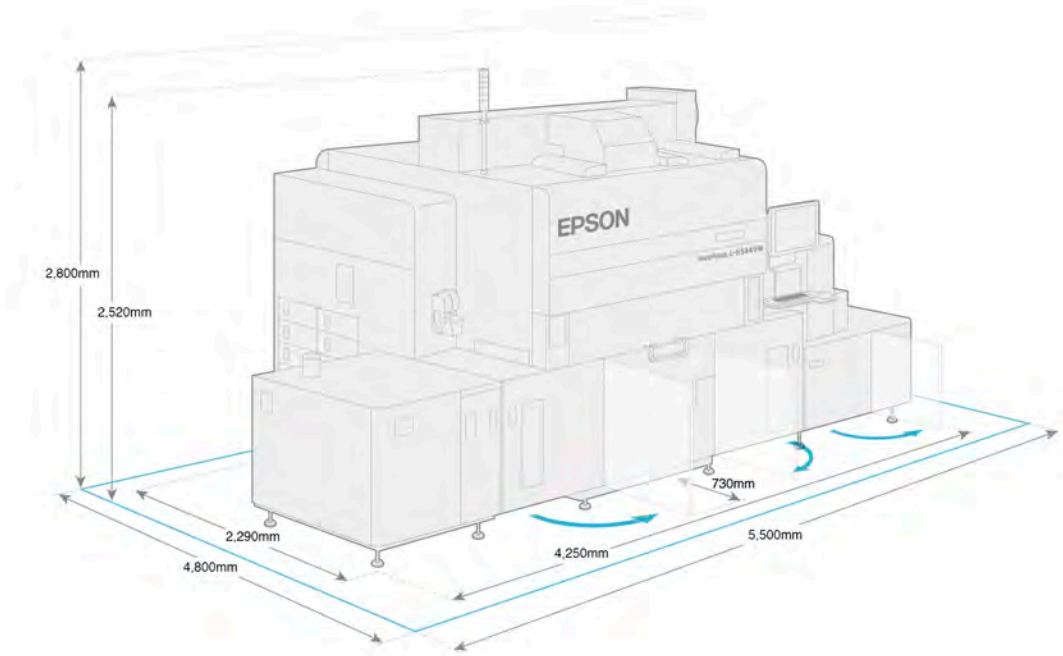
UV Inkjet Digital Label Press

SurePress L-6534VW



The Epson digital UV inkjet label press is now even faster, up to 50m/min. with excellent image quality. The L-6534VW comes standard with white ink, digital varnish, corona treater, web cleaner, Ionizer, eye mark sensor and an additional UV lamp, everything required for prime label production

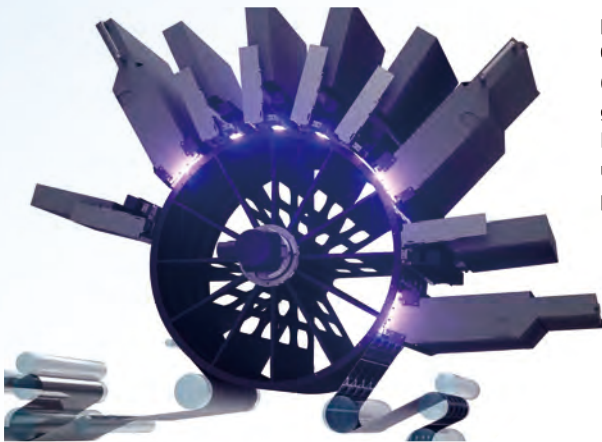
SPECIFICATIONS		
Model name		L-6534VW
Print	Print Technology	PrecisionCore linehead inkjet technology
	Maximum Print Resolution	600 x 1200 dpi
	Gradation Process	Variable-Sized Droplet Technology
	Maximum Image Size	330mm x 1000mm
Ink	Ink Type	UV Curable Inks
	Ink Cartridges	Black, Cyan, Magenta, Yellow, Digital Varnish, White, Storage liquid
Print Speed	Productivity Mode	50m/min
	Standard Mode	30m/min
	High Density Mode	15m/min
	Reverse White Mode	7.6m/min
Substrate	Substrate Width	80mm to 340mm
	Substrate Type	Adhesive paper, adhesive film, single-layer paper, and single-layer film
	Substrate Thickness	80 to 320 microns
	Unwinder Capacity	600mm diameter/ 100kg weight/ 1000m 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%, No condensation required
	Space For Operation	5.5m x 4.8m x 2.8m (W x D x H)
Electric Supply	Main Unit	AC 200V +/- 10% (3 phases 3 lines + PE)
	Corona Treater	AC 200 - 240V +/- 10% (Single phase + PE) 15A
	Additional UV Lamp	AC 200 - 240V +/- 10% (Single phase + PE) 40A
Exhaust	Main Unit	40-55m³/min Φ250mm
	Corona Treater	12m³/min or more Φ100mm
	Additional UV Lamp	10-15m³/min Φ200, 150mm
Compressed Air	Compressed Air	0.5 - 1.0Mpa
Network	Network	10BASE-T/100BASE-T/1000BASE-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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Product Information is subject to change without prior notice.

HIGH PRODUCTIVITY

Combining Epson's PrecisionCore linehead, with a highly accurate web feeding technology and Epson's own proprietary UV ink, enables stable and reliable printing at high speed of up to 50m/min

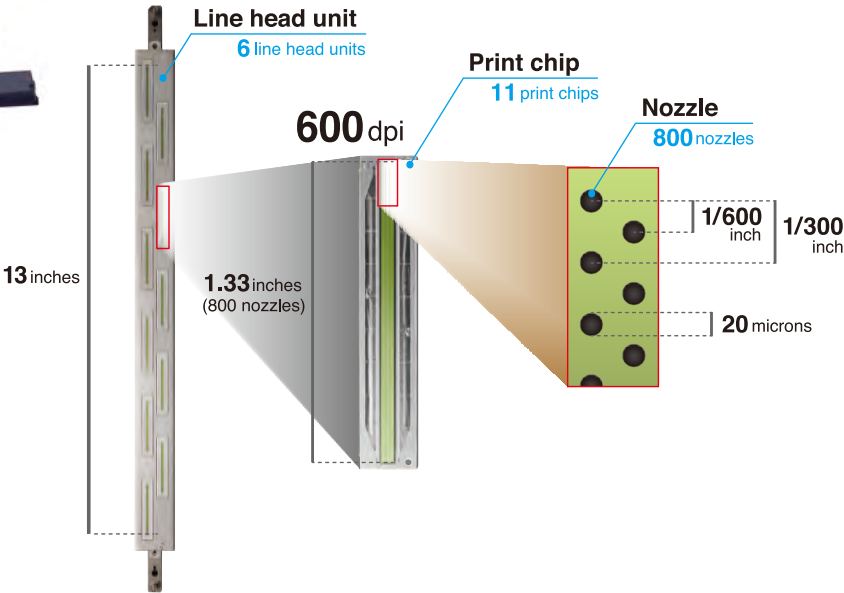
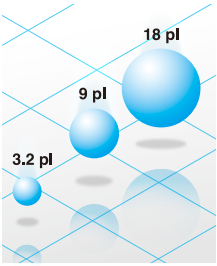


Drum Platen

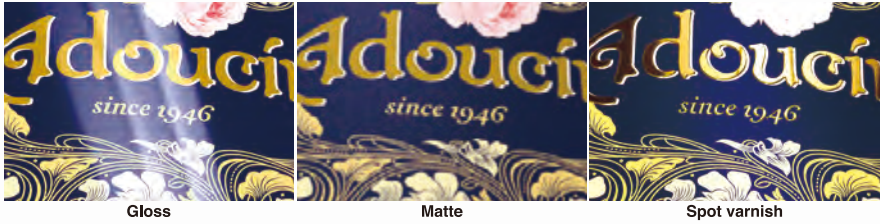
The L-6534 uses a drum platen, a highly accurate web feeding technology that holds the substrate tightly to prevent meandering and skewing of the web. The substrate is "fixed" to the drum, as it passes all printhead colors, hence providing excellent color to color registration. The Drum Platen ensures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

PrecisionCore linehead

The L-6534 PrecisionCore linehead delivers high productivity through single-pass printing with up to 600x1200dpi using a droplet as small as 3.2pl 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, enabling precise drop placement for razor ultra-sharp definition.



HIGH QUALITY PRINTING

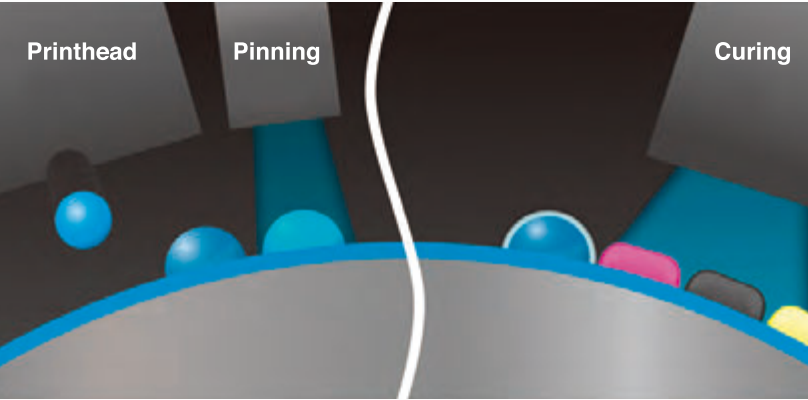
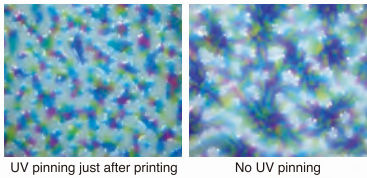


Digital Varnish ink

The L-6534 has spot varnish capability with Epson's innovative digital varnish. A gloss and matte spot finish can be printed anywhere on the label. Brand owners can now use unlimited tactile designs and effects.

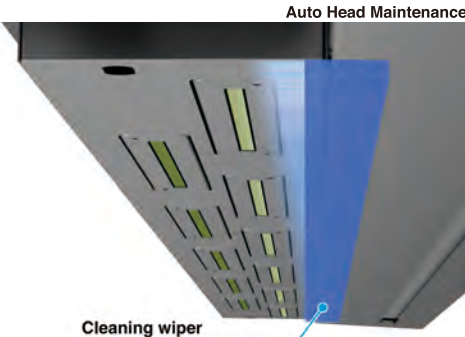
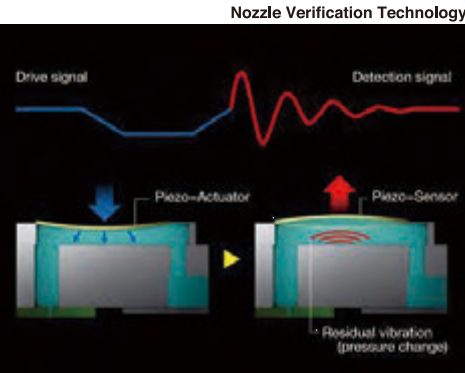
UV Pinning System on all colors

UV light is applied immediately after each color 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 color, smooth gradations and sharp, detailed text. This achieves the wide and accurate color gamut brand owners require.



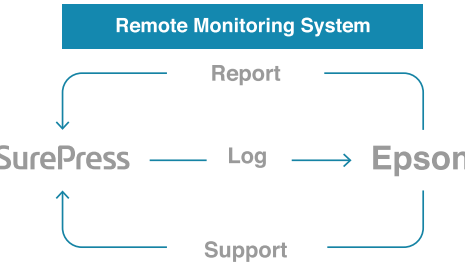
Stable operation

The L-6534 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 automatically cleans nozzles to minimize 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.



Customer Support by remote monitoring system

The operational status of the SurePress is monitored 24/7 remotely. Quick response and prediction of press behavior is done in advance, or in place of a service visit, to reduce downtime.



Food Contact Materials (FCM) compliance

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

- 1.The inks are on the approved substances listed of the Swiss Ordinance. ²
- 2.Ink production is done under the hygiene process control (GMP³) of the food level standard "less than 100 bacteria / g of general bacteria of drinking water" .
- 3.Based on PIM Regulations, the L-6534 ink will not migrate beyond the limit of the inside of the label or packing substrate à packing film substrate.⁴



High opacity white ink

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



Wide range of substrates and versatile applications



The Epson formulated inks allow a wide variety of standard flexo materials to be utilized. A corona treater and final UV lamp are included to enhance printing on typical substrates. The low temperature UV LED cure enables printing on heat-sensitive substrates such as PE and shrink film.

Highly durable ink

Label printed with Epson UV ink has passed British standard BS5609 and UL969 for all test items (peeling, rubbing resistance, fading evaluation) .



Epson UV Ink

Wide gamut

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

