

UV Inkjet Digital Label Press

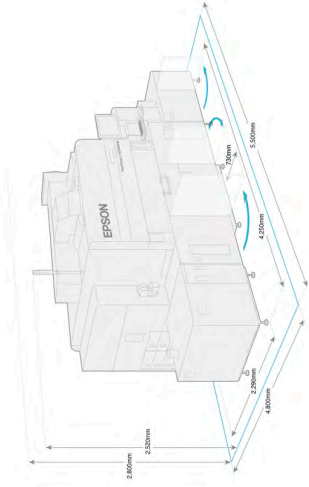
SurePress L-6534VW



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, eye mark sensor and an additional UV lamp, everything required for prime label production

SPECIFICATIONS

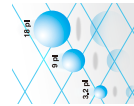
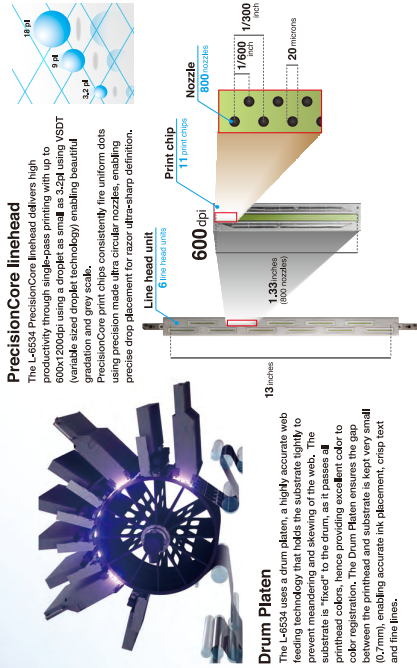
Model name	L-6534VW
Print	PrecisionCore linehead inkjet technology
Maximum Print Resolution	600 x 1200 dpi
Radiation Process	UV Ink-Surface Digital Technology
Maximum Image Size	3300 x 1000mm
Ink	UV Curable Inks
Ink Cartridges	Black, Cyan, Magenta, Yellow, Digital Varnish, White, Storage Liquid
Print Speed	50m/min
	30m/min
	15m/min
	7.5m/min
Substrate	80mm to 340mm
	Adhesive paper, adhesive film, single-layer paper, and single-layer film
	80 to 320 microns
Dimensions	600mm diameter 10kg weight/ 1000m length
Substrate Thickness	4250 (W) x 2250 (D) x 250 (H) mm
Unwinder Capacity	2000kg
Weight	2000kg
Environment	20 ~ 28°C
	Humidity RH 35 ~ 55%, No condensation required
Electric Supply	5.5m x 4.5m x 2.5m (W x D x H)
	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 40-55l/min Ø250mm
	Corona Treater 12m3/min or more Ø100mm
Additional UV Lamp	10-15m3/min Ø200 - 150mm
Compressed Air	0.5 - 1.0Mpa
Network	USBASE-T/100BASE-T/1000BASE-T



*1 The L-6534VW is an inkjet label press 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 Sales Contract (RS #17023-2, Annex 10)
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*4 Plastic Implementation Measure (EU No. 102011). Based on the packaging form conditions assumed by Epson
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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 feeds the substrate tightly to the drum. The drum 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.

HIGH QUALITY PRINTING

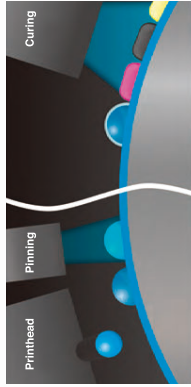
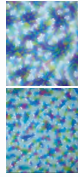


Digital Varnish ink

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.

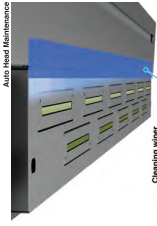
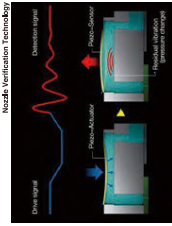
UV Pinning System on all colors

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 gradients, and sharp details. The UV pinning system is available on all colors 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 and 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 via the Internet and on-site service visit, to reduce downtime.



Food Contact Materials (FCM) compliance

L-6534/494 is compliant with the Food Contact Material regulation (EC No. 1935/2004).

1. The inks are on the approved substances listed in the Swiss Ordinance.

2. Ink production is done under the hygiene process control (GMP) of the food level.

standard "less than 100 bacteria / g of general bacteria or less than 10 bacteria / g of general bacteria or less than 10 bacteria / g of general bacteria".

3. The inks are not migratory beyond the limit of the inside of the label or packaging substrate à packaging film substrate.



Wide range of substrates and versatile applications

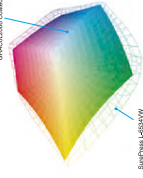
The Epson formulated inks allow a wide variety of standard flexo materials to be utilized. A corona treater and UV lamp are included to ensure excellent adhesion on typical substrates. The low temperature UV LED cure enables printing on heat-sensitive substrates such as PE and shrink film.



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.



High opacity white ink

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



Highly durable ink

Label printed with Epson UV ink has excellent resistance to abrasion and rubbing resistance, fading (evaluation).

