

CONFIDENCE IN EVERY LABEL YOU PRODUCE.



SurePress L-5034

Create High-Quality Labels Faster, Without Compromise.

The Epson SurePress L-5034 combines advanced PrecisionCore printheads with six-colour AQ inks, Optimiser, and high-speed single-pass printing technology to deliver sharp, vibrant labels with exceptional detail and smooth gradients. Designed for dependable operation, the hybrid drying system and wide substrate compatibility enable consistent printing across diverse label types. Automated nozzle checks, real-time compensation, and printhead maintenance routines help ensure uninterrupted production and dependable output with minimal downtime.



Print
1200x1200dpi



Excellent
Image Quality



1.6L Water-based
Aqueous Ink



High
Productivity



High
Reliability



Substrate
Versatility

ENGINEERED FOR good

GO GENUINE
Original Supplies, Quality Prints

PRECISIONCORE
PRINthead

Next-Level Performance

The SurePress L-5034 features PrecisionCore printhead technology, delivering single-pass 1200 × 1200 dpi resolution for ultra-sharp fine lines and smooth gradients.

Advanced Aqueous Ink

Water-based SurePress AQ inks with Optimiser ensure consistent colour, fine detail, durable label quality, and compliance with food packaging regulations.

Reliable Production Performance

Automatic nozzle monitoring, real-time nozzle compensation, and automated printhead maintenance ensure continuous printing and consistent production quality.

Ideal for label converters and brand owners, the Epson SurePress L-5034 is designed specifically for pressure-sensitive label production, delivering vibrant, durable labels using water-based AQ inks. Optimised for short to mid-lot adhesive label jobs, it supports flexible production schedules and a wide range of label substrates, helping businesses meet fast turnaround times while maintaining consistent, high-quality output across regulated, commercial, and industrial labelling applications.



Accuracy Meets Outstanding Print Quality

Sharp Print Every Time

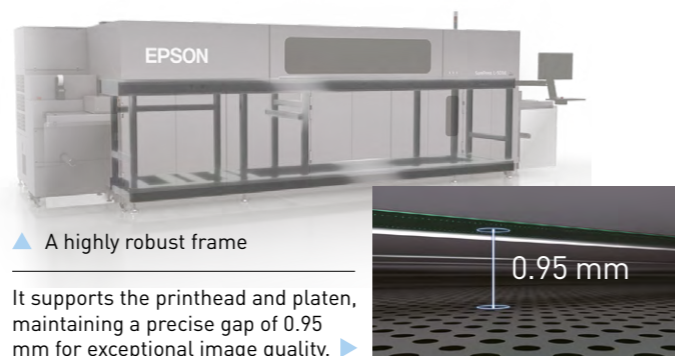
The L-5034 features Epson's advanced PrecisionCore printhead technology, delivering 1200 x 1200 dpi resolution in a single pass. It produces ultra-sharp text, fine lines, and smooth gradients, making it ideal for even the most detail-critical jobs.

Robust Frame for Accuracy

The robust frame reduces the distance between the platen and the printhead, enabling high-precision 1200 dpi ink drop placement, which contributes to superior image quality and increased productivity.



PRECISIONCORE
PRINTHEAD



▲ A highly robust frame

It supports the printhead and platen, maintaining a precise gap of 0.95 mm for exceptional image quality. ▶

Water-Based SurePress AQ Ink

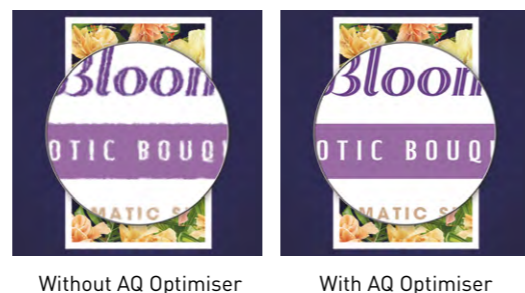
Vibrant Colour Durable Results

The newly developed SurePress AQ ink, an upgrade from the L-4000 series water-based pigment resin ink, provides the enhanced durability required for labels. Its advanced six-colour ink set, CMYK plus Orange and Green, delivers an outstanding colour gamut and broad Pantone coverage.



In-Line Optimiser for Accuracy

Applied in-line just before jetting the coloured inks, this unique base coat prevents ink drops from spreading or deforming, producing fine lines and sharp text even at higher print speeds. It is compatible with an expanded range of paper and film substrates, ensuring labels are consistently printed with exceptional image quality and vivid colours from the start to the end of a print run.

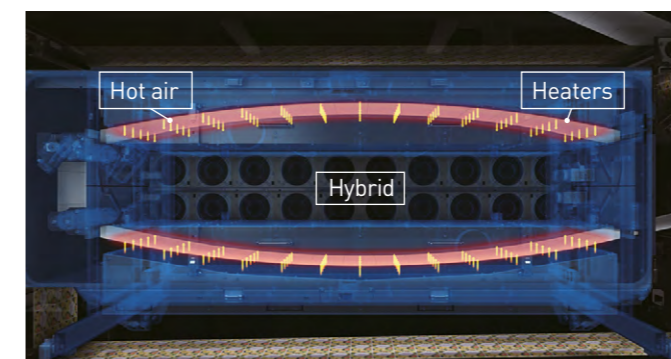


Automated Precision for Continuous Productivity

The combination of the AQ Optimiser and hybrid drying system significantly improves productivity. In addition, Nozzle Verification Technology (NVT) and the automatic nozzle-compensation feature ensure continuous printing for highly efficient operation. Printhead units can be exchanged quickly, while the inline scanner enables automatic calibration and a faster return to production.

Efficient Drying Control

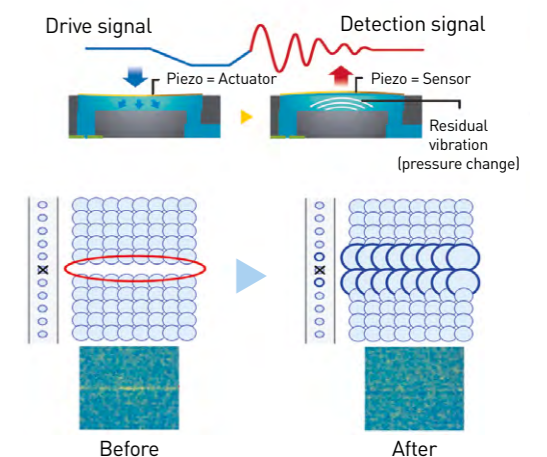
The L-5034 hybrid drying system provides full control with adjustable temperature zones to meet the specific needs of various substrates. This enables faster drying times without compromising print quality. Whether printing on paper, film, or specialty stocks, the L-5034 ensures excellent drying efficiency for a flawless finish every time.



Hybrid drying system

Fully-Automatic Nozzle Compensation

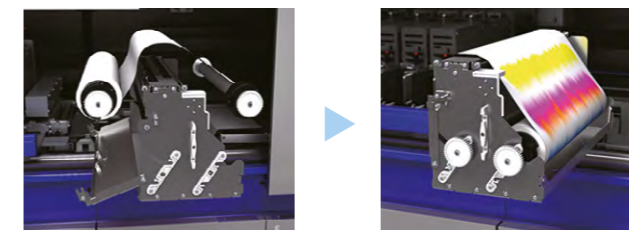
Epson's unique Nozzle Verification Technology (NVT) monitors nozzle status in real time. If missing nozzles are detected, high-speed image processing immediately compensates just before the printing pass, without stopping production. This results in less print waste, reduced downtime, and higher production throughput.



Simplified Maintenance and Workflow

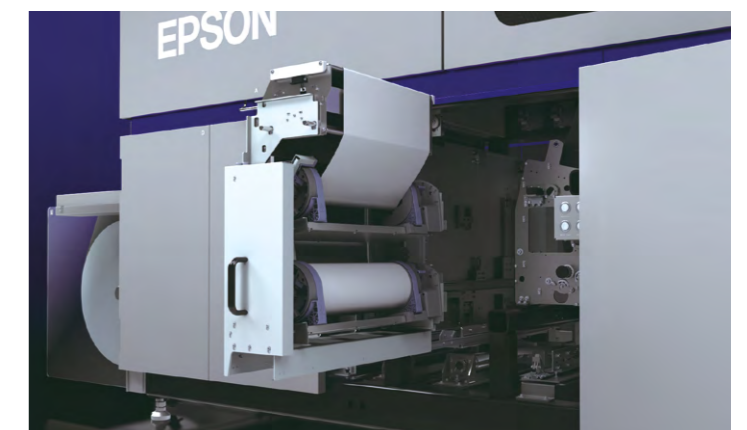
Effortless Operation

A newly designed automated printhead cleaning system minimises operator intervention and manual maintenance, achieving higher productivity and reliable performance on this easy-to-operate digital label press.



Flushing roll

Wiping roll



Ink Safety and Regulatory Compliance

Formulated for Food Packaging Applications

Epson AQ inks are formulated to comply with EU Framework Regulation (EC) No. 1935/2004 and Nestlé Printing Inks for Food Packaging. Our manufacturing facilities adhere to Good Manufacturing Practices (GMP) (EC) No. 2023/2006.



SPECIFICATIONS

MODEL NUMBER	SurePress L-5034
Printing Technology	
Printhead	PrecisionCore Inkjet Technology
Printing Method	Lateral Scanning Method
Maximum Resolution	1,200 x 1,200 dpi
Printing Specifications	
Maximum Print Speed	13.4 m/min
Print Area	MD (feed Direction): 30 to 1,397 mm CD (Width): 70 to 330 mm
Maximum Print Area	1,397 x 330.2 mm (55 x 13 inch)
Media Handling	
Substrate Handling	Roll to Roll
Substrate Thickness	80 ~ 320 µm
Substrate Width	80 ~ 340 mm
Maximum Roll Diameter	720 mm
Maximum Roll Length	2,000 m
Maximum Roll Weight	120 kg
Ink System	
Ink Type	SurePress AQ Ink T4 (SurePress AQ Inks)
Ink Volume	1,600 ml
Ink Cartridges	Black, Cyan, Magenta, Yellow, Orange, Green, AQ Optimiser P, AQ Optimiser F, Over Print Liquid, Moisture Liquid, Storage Liquid
Electrical Specifications	
Power Requirements	3-phase AC 200V, 200A
Power Consumption	14 kW
Environmental Conditions	
Temperature (°C)	Operating: 18 °C – 28 °C Installation: -10 °C – 40 °C
Humidity	Operating: 35 – 55% RH (No Condensation) Installation: 30 – 55% RH (No Condensation)
Noise Level	Less than 80 dB

Dimensions & Weight

Width

6,700 mm
(With Unwinder and Rewinder units connected)

Depth

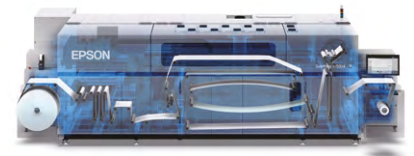
2,500 mm
(Including Ink Server unit)

Height

2,230 mm
(Including Tower Lamp)

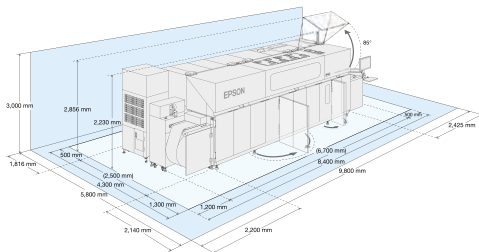
Weight

Approx. 5,600 kg
(Including Main Unit, Ink Server Unit, Unwinding and Rewinding Units)



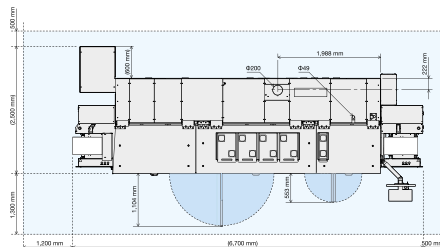
Installation Space

Required Installation Height:
3,000 mm



Operating Space

Required Operating Space: 8,400 mm x 4,300 mm
Floor Load Capacity: 450 kg/m²



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Dealer's Stamp

Information correct at time of printing.
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Find out more at www.epson.com.sg/bebold-surepress

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