

Inkjet Digital Label Press

Epson® high-quality, UV, linehead, inkjet label press begins a new era

Epson's first linehead, inkjet label press with LED UV curing ink, the L-6034VW/L-6034V, enables high-speed printing that's ideal for short- to mid-run jobs, producing labels with outstanding scratch and weather resistance. The newly developed PrecisionCore™ linehead, center drum system, and digital varnish deliver high-quality images. The space-saving, compact design integrates all of the functions required for label production, such as Corona Treater, White ink, digital varnish, and an additional UV curing unit.

Key Features

- Epson technology: PrecisionCore printhead, with LED UV curing ink
- Up to 15m/min, high-speed printing; ideal for jobs up to 340mm (width)
- CMYK, White, and digital varnish inks installed in-line
- Digital varnish ink provides a variety of surface finishes
- Original LED UV curing ink eliminates the need for precoating of the substrate and can be used with off-the-shelf substrates
- Automated control and in-line inkjet nozzle testing keeps productivity high, TCO low and press operation simple



Image Quality

Pinning technology offers ultra-high-quality images. White ink and digital varnish printing dramatically increase the range of applications.

The newly adopted pinning technology controls the range of ink scattering and realizes ultra-sharp dots and incredibly thin lines. The Epson digital quality color gamut, tonal gradation, flat print and lack of graininess help those in the prime label industry overcome their hesitation to using UV ink. Now UV printing can be used in more discriminating areas such as health and beauty, nutraceuticals, and food and beverage, as well as standard consumer packaged goods such as car polish, lawn and garden care, and household cleaner labels. In White ink printing, Surface-White Print and Reverse-White Print are available to extend the range of expression on clear and metalized films. With the brand-new digital varnish ink, a gloss or matte finish can be selected for the overall label, and appealing partial accents can even be added using glossy or matte spot varnish.

Spot varnish gives an accent to the design, enabling the creation of attractive labels.

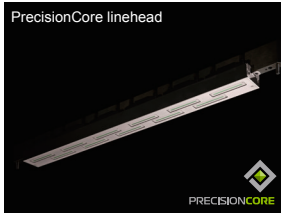
Vibrant solid colors

Sharp images, even with small characters

Sharp barcode with Surface-White Print

Matte finish

Gloss finish



Print Head

High-quality image printing with the PrecisionCore linehead

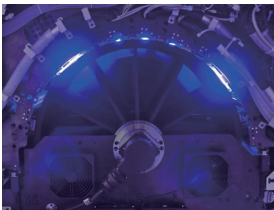
The newly developed PrecisionCore linehead inkjet technology enables high-speed, single-pass printing,

complemented by Epson's original ink and ink systems. Designed for optimal performance, the SurePress L-6034VW offers highly engineered, quality printing and superb reliability. The Epson digital monitoring system maintains high productivity using Nozzle State Analysis to manage dropped inkjet nozzles, allowing the job to complete.

Epson's most advanced print head technology, PrecisionCore delivers our renowned, industry-leading output quality and durability, at high speeds.



PRECISIONCORE

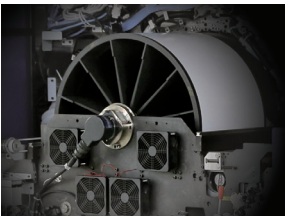


Ink

Epson's original LED UV curing ink

Quick-drying UV ink boosts productivity, and offers excellent weather, scratch, chemical, and water resistance, so it's suitable for printing

labels used in severe environments such as the outdoors. A small, long-life LED light source is used, saving space, offering an energy-saving solution, and enabling printing on heat-sensitive substrates such as PE.



Substrate Feed

Center drum system

The center drum system feeds the substrate with incredible precision to minimize color unevenness and reduce the heat expansion or

shrinkage of the substrate, enabling various types of off-the-shelf standard flexographic substrates to be used.

Specifications

Print Technology	PrecisionCore linehead inkjet technology
Resolution	600 x 600 dpi
Ink Type	LED UV curing inks
Ink Cartridges	Black, Cyan, Magenta, Yellow, Digital varnish, White
Web Width	80 mm to 340 mm, adjustable to support any width in this range
Image Size	330 mm x 1,000 mm maximum
Print Speed	Up to 15 m/min, Up to 7.5 m/min variable data printing
Substrate Support	Self-adhesive label stock, PP, PE and PET, coated paper, cast coated paper, and uncoated paper
Substrate Thickness	3.14 – 12.60 mils (80 to 320 microns)
Unwinder Capacity (Max.)	100 kg Weight/600 mm Diameter with 76.2 mm inner core
Network Connectivity	Ethernet 1,000 Base-T
Dimensions of Press (W x D x H)	4,250mm x 2,285 mm x 2,485 mm
Weight	2,710 kg

Eco Features

SurePress L-6034VW reduces the impact on the environment.

The SurePress L-6034VW digital printer enables much easier adjustments than analog printers, minimizing ink consumption and paper waste.

Furthermore, the need for the printing plates and cleaning chemicals utilized by analog presses is eliminated. When using only the LED curing system, energy is reduced compared to that used by conventional UV lamps.

Better Products for a Better Future™

Epson Australia
3 Talavera Road
North Ryde NSW 2113
Tel: (02) 8899 3666
ABN 91 002 625 783
www.epson.com.au

Epson New Zealand
Level 2, 7-9 Fanshawe St
Auckland, 1010, New Zealand
Tel: +64 9-366 6855
www.epson.co.nz

