



SurePress[®] L-6034VW 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, 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 treatment, White ink, digital varnish, and an additional UV curing unit.

Key Features

- Epson technology: PrecisionCore printhead, ink, robotic control, software and firmware
- High-speed printing up to 49 ft/min; ideal for jobs up to 13.39" (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.

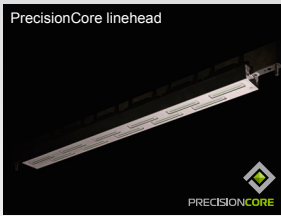
Vibrant solid colors

Sharp images, even with small characters

Sharp barcode with Surface-White Print

Matte finish

Gloss finish



Printhead

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.

As Epson's most advanced printhead technology, PrecisionCore delivers our renowned, industry-leading output quality and durability, even 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	3.15" to 13.39" (80 to 340 mm), adjustable to support any width in this range
Image Size (Max.)	13.00" x 39.37" (330 x 1,000 mm)
Print Speed	Up to 49.21 ft/min (15 m/min), Up to 24.61 ft/min (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 mil (80 to 320 microns)
Unwinder Capacity (Max.)	220.5 lb weight/23.62" diameter with 3.0" inner core (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)	13.75' x 6.73' x 6.99' (4,190 x 2,050 x 2,130 mm)
Weight	4,960.40 lb (2,250 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.

Epson America, Inc.
3840 Kilroy Airport Way, Long Beach, CA 90806
www.epson.com

Epson Canada Limited
185 Renfrew Drive, Markham, Ontario L3R 6G3
www.epson.ca

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eco.epson.com

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