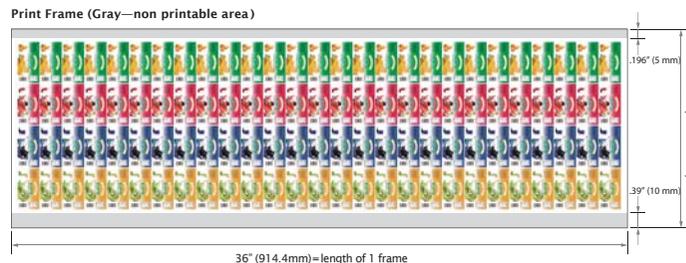
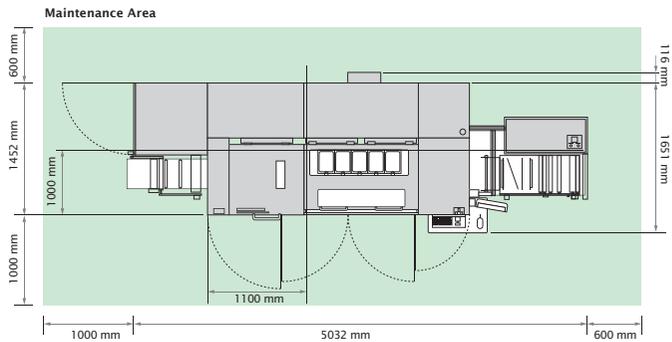
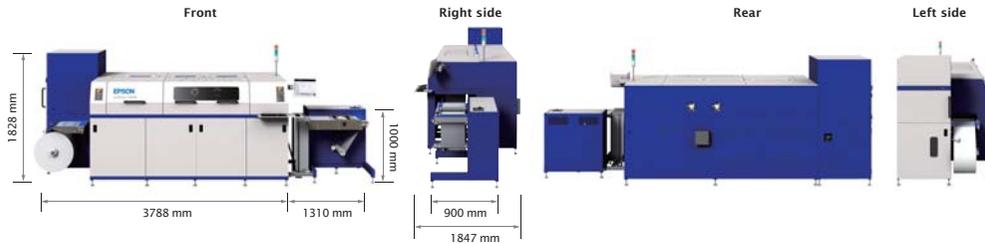


SurePress L-4033A L-4033AW

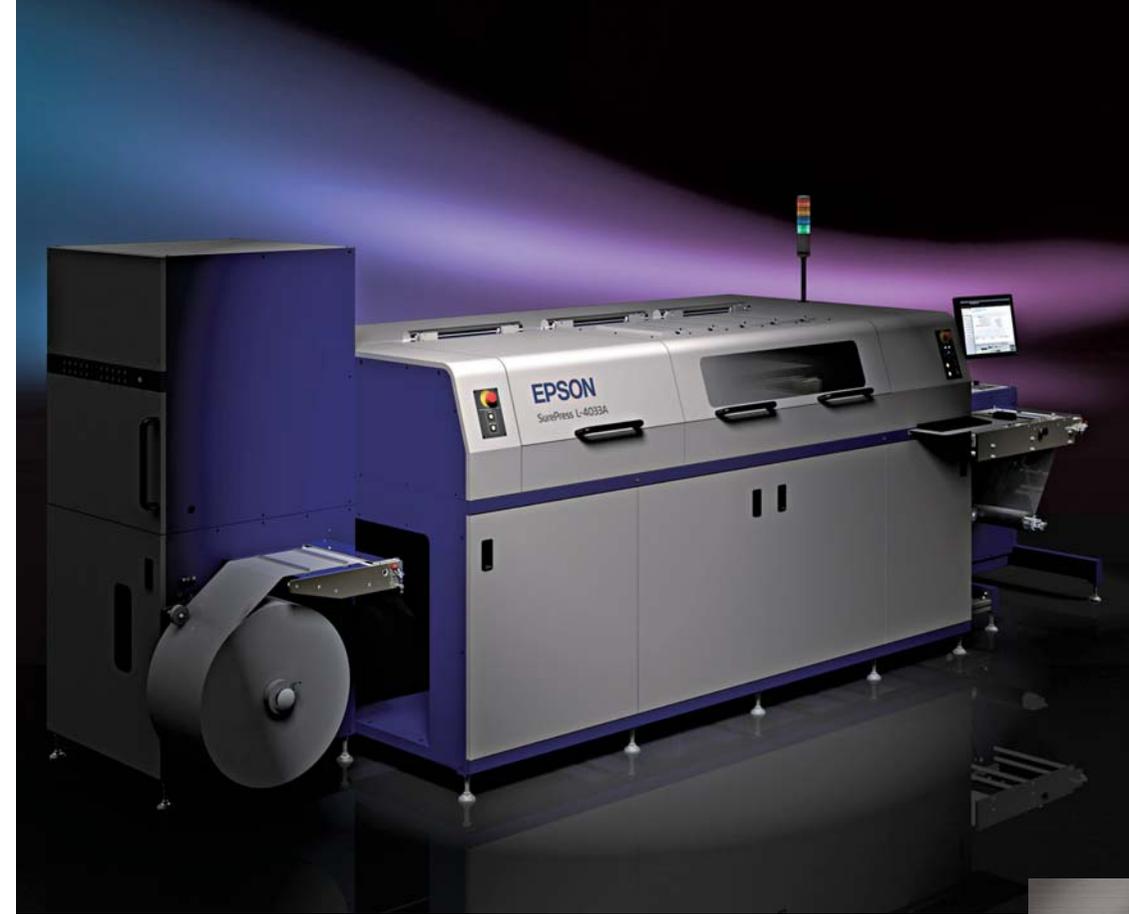
Dimensions / Installation space

Installation space	Recommend operating space	Approx. 3.1 m x 6.7 m
Installation specification	Floor stiffness	400 kg/m ² or more
	Dimensions	Length 5098 mm x Width 1847 mm x Height 1828 mm (including rewriter)
	Weight	Approx. 1,730 kg (including rewriter)
	Noise	75dB or less The measurement method is based upon CE mark (Machinery Directive)



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Better Products for a Better Future
For more information on Epson's environmental programs, go to <http://eco.epson.com>



Inkjet Digital Label Press SurePress L-4033A SurePress L-4033AW

Makes short-run label printing more efficient and profitable, with even higher quality.

- High print and colour quality due to SurePress AQ inks and MicroPiezo Multi-Print Head Array
- Digital process means higher efficiency, with simple and easy operation
- Environmentally friendly: no chemicals or plates, water-based ink, low substrate waste

EPSON[®]
EXCEED YOUR VISION

Go Digital and Boost Your Bottom Line

The SurePress L-4033A/L-4033AW Inkjet Digital Label Press makes short run printing much easier, faster and more efficient, giving you higher productivity and profitability. Not only will it streamline your current workflow, it will add to your bottom line by allowing you to accept additional short run jobs. What's more, print quality is exceptionally high, with accurate colour reproduction for precise colour matching. It supports a wide range of standard label stocks, and is extremely easy to operate and maintain.



Expand Your Short-Run Printing Capabilities

With the SurePress L-4033A/L-4033AW, you're ready to handle all the short-run printing your customers need for sales promotions. They'll appreciate the quick turnaround and high quality, and you'll benefit by being able to offer them more versatile printing solutions, even for short-term promotions.

●Label

Vivid colours, sharp text down to small sizes and clear, crisp barcodes.



●Product Stickers

Small and large stickers for all types of products.



●Banner-type Labels

Horizontal banners for product displays, shelves, etc.



●Poster-type labels

Bigger eye-catching posters.



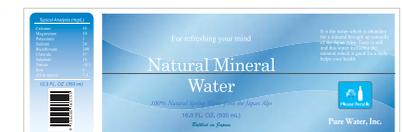
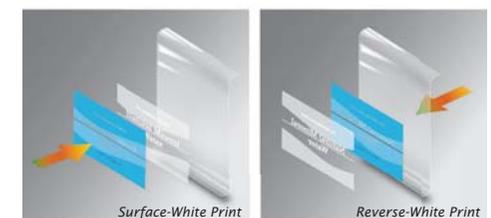
●Large Stickers

Round stickers for added impact.



SurePress L-4033AW White Printing

The ink-set includes white ink for solid, opaque white printing on clear film and metallic substrates.



The L-4033AW provides the flexibility of printing white first or white last.

Consistently High Print Quality with Vibrant, Accurate Colours

1 Micro Piezo Multi-Print Head Array

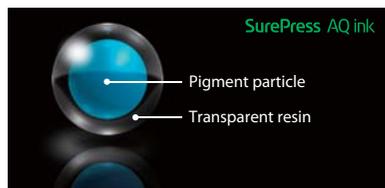
2 SurePress AQ Ink

3 Dual Drying System

High quality standard label stock printing

SurePress AQ Ink: High Quality, Wide Colour Gamut, Environment Friendly

Epson developed a new water-based pigment ink set customised for the SurePress L-4033A/L-4033AW with six or seven colours including Green and Orange for an extra-wide colour gamut. It enables accurate colour reproduction for precise colour matching, and provides excellent adhesion on a wide variety of standard label stock substrates without the need for any pre-processing.



* White ink is available only for SurePress L-4033AW.

MicroPiezo Multi-Print Head Array

Epson technology has created heads with micro-fine nozzles that deliver accurate dot shapes and placement for each colour, resulting in superior colour quality and sharp detail for barcodes and small text. The head array is also designed to significantly reduce printing time.



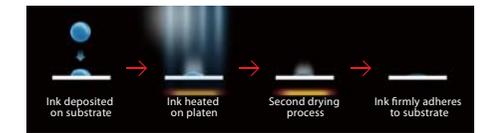
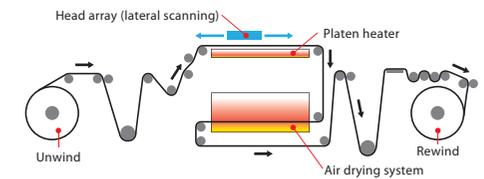
Variable-Sized Droplet Technology

Complementing this advanced head array is Epson's Variable-Sized Droplet Technology, which produces different size ink droplets as small as 3.0 picoliters. These precisely sized droplets allow the ink to be uniformly applied, contributing to smooth gradations and accurate colours for optimum image quality.



Dual Drying System

A unique two-stage drying process enables optimum ink adhesion to any substrate. The first drying stage is a platen heater, which imprints the image onto the substrate. As the illustration shows, the substrate then moves down to the second drying stage, where hot air blown from a fan vaporises the remaining substances. After drying, the substrate cools as it moves to the final winding stage.



Epson's Dual Drying System ensures optimum ink adhesion

Superior water and light resistance

SurePress AQ ink contains special resin. The resin forms coating on prints making the surface glossy, and greatly increases the water and light resistance of the prints. With the special ink, SurePress can offer labels applicable to a wide range of products such as beverage bottle or can, kitchenware, dishwashing detergent, and products used in bathroom.



Expanded Colour Gamut with Greater Colour Intensity

Epson inks are known for their wide colour gamut and accurate colour reproduction. Now with Green and Orange inks in addition to Cyan, Magenta and Yellow, Epson expands the colour gamut for even higher accuracy. The difference is especially noticeable in the bright green to yellow and yellow-orange-red portions of the colour space. You will be able to more accurately match colours and the intense colours will make labels look more appealing.



Character edges are straight and sharp.

White letters are clearly legible even in gradation areas.

Colours are richer and more natural.

Colour gradations are extremely smooth.

Barcode lines are sharp.

9 2 1

Drying System and Colour Gamut

Easy operation will help to increase your profit.

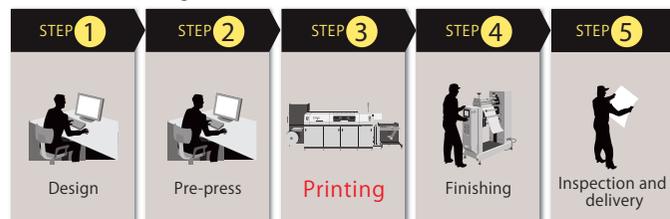


Simplified Setup and Operation Means Big Gains in Efficiency

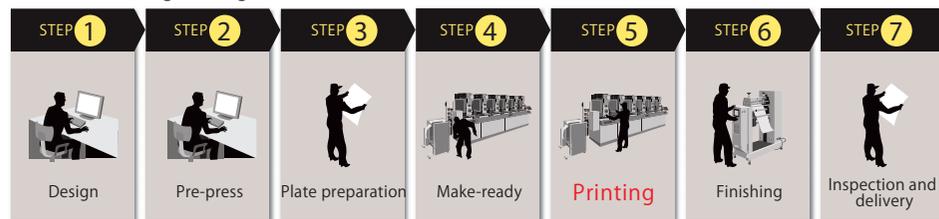
Unlike analogue presses that require long and complicated make-ready work, SurePress setup is quick and easy, with no need for skilled operators. The pre-press process doesn't require chemicals or plates, and with digital printing you don't have to make various adjustments during print runs. Maintenance

requirements are minimal, so there's less downtime. This all adds up to a faster, more efficient workflow, allowing you to handle a higher number of short-run jobs. What's more, initial and operating costs are low, and you'll be using less substrates and energy. The result? Significantly higher profitability.

Fast & Efficient Digital Workflow



Time-Consuming Analogue Workflow



Digital Printing Improves the Productive Efficiency

The greatest benefit of digital printing is that it allows you to print directly from a computer. Compared to traditional analogue printing, the processes are so simple. In addition, SurePress can reproduce precise colour from the start of the printing, so you can save waste substrates, which have been produced for setting up analogue printing presses. Derive the maximum benefit from digital printing to improve the product efficiency.

No Film and Plate is Necessary

Films, plates, and chemicals, which are used for analogue printing are not necessary for digital printing. You can print almost immediately after print data files arrive. This saves much time and cost.

Drastically Reduce Waste Substrates

Test printing is not necessary because SurePress offers quick colour matching and stable print quality. In addition, its foreign object sensors and auto skew correction function ensure stable and accurate substrate feeding. These SurePress features enable you to greatly reduce waste substrates.

Use up Leftover Substrate Rolls

Compact SurePress is a great solution for small lot orders. You can use thin rolls of substrate remained after large-lot printing. Using both the analogue printing presses and SurePress saves substrate.



Eco-Friendly

No chemicals are required for digital printing. Liquid waste disposal is not necessary. In addition, by using SurePress AQ ink, which is water-based pigment ink, you do not have to worry about toxicity, odor, and burnability of ink. Achieve comfortable, safe and efficient work environment with SurePress.

Quick and Easy Spot Colour Matching

It takes really short time to obtain your desired spot colour and no special skills are required. All you need to do is measure colour of a colour sample or chip using a colorimeter to let the Epson tool create a colour chart, print the chart on SurePress, select a colour that best matches the sample or chip from the chart, and enter the number of the colour to your RIP. It's so easy.



* Colorimeter does not come with SurePress.

Efficient Colour Proofing with Customer

SurePress allows you to easily create different variations of colour proofs at a time without using films and plates. The customer can choose the best one from the variations, so you do not have to bring or send colour proofs again and again.



* This picture is a sample image.

Dramatically Reduce the Cost and Space needed for Inventory Control

There is no need to stock printed labels. Because you can obtain the precise and accurate colour from the start of the printing, you can provide labels to your customers totally on demand. This allows you to cut waste of stocks and save your space.



Large-size Labels are Available with Flexible Imposition

Up to 330 mm width roll can be loaded on SurePress, and up to 914-mm-long frames can be imposed. By setting the margin of each frame to 0 (zero) mm, you can create several-meters-long labels. The large-size labels can be used for indoor advertising display, signs on floor, and so on. You can offer a variety of options to your customers.



This picture is a sample image.

Make your business more efficient with a combination of analogue printing presses and SurePress

By using your analogue printing presses for large-lot production only, and by using SurePress instead to handle small lot orders, which are non-productive by analogue printing, you can improve productivity of analogue printing per day. This solution will increase business efficiency in total.

User-Friendly Interface, Touch-Screen Operation

Easy-to-understand menus and procedure enable you to quickly become a skilled operator. The touch-screen panel is extremely simple to use, so preset configurations can be quickly set and operating status easily checked at any time. Settings for specific types of jobs can be memorised, so setup is even faster the next time that type of job comes in.



Automatic Colour Management

Achieving accurate colour matching is extremely important, but generally requires considerable expertise. The SurePress L-4033A/L-4033AW handles this task automatically, so you get precise colour rendering for every job, every time.



Easy Maintenance

Minimal maintenance requirements save you time and money. The simple mechanism is easy to access and maintain. Best of all, there is no need for time-consuming ink replacement (cleaning, blending, etc.) — the operator simply replaces the ink cartridges.



Ink cartridges can be replaced quickly and cleanly. * This image is of SurePress L-4033AW.

Eco Features

- Pre-treatment of substrates is not necessary.
- SurePress AQ ink is water-based and has good adhesion on a wide variety of standard label stocks.
- Resource-saving, no use of chemicals, plates or films
- Simple, low waste color matching process reduces standard label stock wastage and ink consumption.
- Both the SurePress L-4033A/L-4033AW and SurePress AQ Ink are in compliance with EU Directive RoHS (Restriction of Hazardous Substances).

SurePress L-4033A L-4033AW

Spesification

Printing Technology	Epson MicroPiezo ink jet technology												
Ink Type	New water-based pigment ink system												
Printable area	12.4 inch x 36 inch 315.2 mm x 914.4 mm												
Substrate specification	<table border="1"> <tr> <td>Substrate Support</td> <td>Self-adhesive label stock Coated paper, cast coated paper and uncoated paper, PP, PET and Yupo</td> </tr> <tr> <td>Substrate Thickness</td> <td>100 - 320 microns or 0.10 mm - 0.32 mm Thickness of tape for splices is included</td> </tr> <tr> <td>Roll Width</td> <td>80 mm (3.15") - 330.2 mm (13") wide (adjustable to support any width in this range) Width tolerance in one roll : ±1 mm</td> </tr> <tr> <td>Max. roll length</td> <td>1000 m (Condition : Need to be within all condition of 1000 m and 100 kg and 600 mm)</td> </tr> <tr> <td>Max. roll weight</td> <td>100 kg</td> </tr> <tr> <td>Max. Roll diameter</td> <td>600 mm (included diameter 3 inch core)</td> </tr> </table>	Substrate Support	Self-adhesive label stock Coated paper, cast coated paper and uncoated paper, PP, PET and Yupo	Substrate Thickness	100 - 320 microns or 0.10 mm - 0.32 mm Thickness of tape for splices is included	Roll Width	80 mm (3.15") - 330.2 mm (13") wide (adjustable to support any width in this range) Width tolerance in one roll : ±1 mm	Max. roll length	1000 m (Condition : Need to be within all condition of 1000 m and 100 kg and 600 mm)	Max. roll weight	100 kg	Max. Roll diameter	600 mm (included diameter 3 inch core)
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Network connectivity	Ethernet 1000 Base-T												
Temperature and humidity environment	<table border="1"> <tr> <td>Operational environment</td> <td>18C-28C (64F-82F), RH35%-RH55% (No condensing)</td> </tr> <tr> <td>Recommended printing environment</td> <td>20C-26C (68F-79F), RH35%-RH55% (No condensing)</td> </tr> <tr> <td>Storage environment</td> <td>-10C to 40C (14F-104F), RH30%-RH55% (No condensing) (Condition : When maintenance liquid is filled)</td> </tr> </table>	Operational environment	18C-28C (64F-82F), RH35%-RH55% (No condensing)	Recommended printing environment	20C-26C (68F-79F), RH35%-RH55% (No condensing)	Storage environment	-10C to 40C (14F-104F), RH30%-RH55% (No condensing) (Condition : When maintenance liquid is filled)						
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Power supply specification	<table border="1"> <tr> <td>Rated voltage</td> <td>AC (three-phases three-lines) 200V</td> </tr> <tr> <td>Input voltage range</td> <td>Rated voltage ±10% (180-220V)</td> </tr> <tr> <td>Rated frequency</td> <td>50-60Hz</td> </tr> <tr> <td>Input frequency range</td> <td>Rated frequency range ±1%</td> </tr> <tr> <td>Rated current</td> <td>30A (Max. electric current 50A)</td> </tr> <tr> <td>Electric power consumption</td> <td>6kW or less</td> </tr> </table>	Rated voltage	AC (three-phases three-lines) 200V	Input voltage range	Rated voltage ±10% (180-220V)	Rated frequency	50-60Hz	Input frequency range	Rated frequency range ±1%	Rated current	30A (Max. electric current 50A)	Electric power consumption	6kW or less
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Ink cartridge

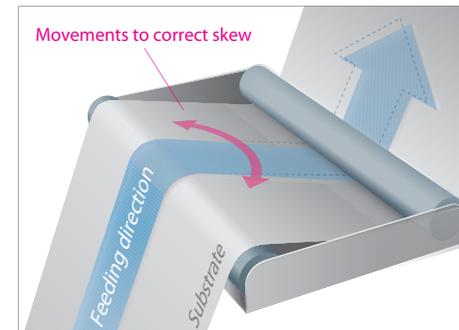
	Ink cartridge	L-4033A	L-4033AW
Cyan, Magenta, Yellow, Orange, Green	700ml	Each 2pcs	Each 2pcs
Black	700ml	2pcs	2pcs
Uncoated Black	700ml	2pcs	2pcs
White	600ml	---	2pcs
Over Print liquid	700ml	2pcs	2pcs
Moisture liquid	700ml	4pcs	1pcs
Storage liquid	700ml	---	1pcs

Print speed

■ SurePress L-4033A Print mode and print speed	
Paper	5.0 m/min : 4pass (720 x 720 dpi) (except cast coated paper) 3.6 m/min : 6pass (720 x 1080 dpi) 2.8 m/min : 8pass (720 x 1440 dpi or 1440 x 720 dpi)
Film	2.8 m/min : 8pass (1440 x 720 dpi) 1.4 m/min : 16pass (720 x 1440 dpi or 1440 x 720 dpi)
■ SurePress L-4033AW Print mode and print speed	
Paper	5.0 m/min : 4pass (720 x 720 dpi) (except cast coated paper) 3.6 m/min : 6pass (720 x 1080 dpi) 2.8 m/min : 8pass (720 x 1440 dpi or 1440 x 720 dpi)
Film	<p>[Color ink only]</p> 2.8 m/min : 8pass (1440 x 720 dpi) 1.4 m/min : 16pass (720 x 1440 dpi or 1440 x 720 dpi)
	<p>[White ink only]</p> 3.6 m/min : White 6pass (720 x 1080 dpi) 2.8 m/min : White 8pass (1440 x 720 dpi)
	<p>[Surface-White]</p> 1.4 m/min : White 6pass (720 x 1080 dpi) + Color 6pass (720 x 1080 dpi) 1.2 m/min : White 8pass (720 x 1440 dpi) + Color 6pass (720 x 1080 dpi) 1.0 m/min : White 8pass (720 x 1440 dpi) + Color 8pass (720 x 1440 dpi)
	<p>[Reverse-White]</p> 1.2 m/min : Color 8pass (720 x 1440 dpi) + White 6pass (720 x 1080 dpi) 1.0 m/min : Color 8pass (720 x 1440 dpi) + White 8pass (720 x 1440 dpi)

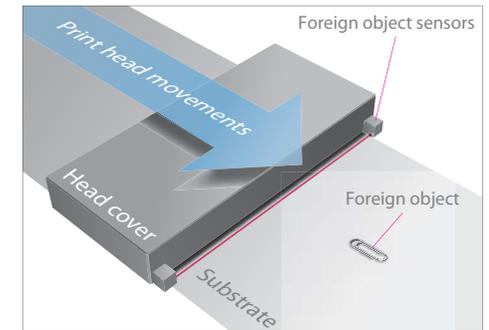
Function

1) Auto skew correction function



Corrects skew of substrate to feed it accurately. Enables you to eliminate waste of substrate because you can print an image on accurate position from the first label.

2) Foreign object sensors



Detects foreign objects on the print head pathway with the sensors and stops printing. This allows you to avoid machine troubles and minimize down time.