EPSON®
EXCEED YOUR VISION

SurePress® | Digital Label Press

Epson's SurePress digital label press — an innovative choice for short-run print jobs.

Epson's SurePress L-4033A and L-4033AW have all the tools you need to enter the world of digital label printing. You'll achieve impressive, professional results, while handling short-run jobs quickly and efficiently. So boost your bottom line by offering a wider range of printing solutions to your customer base, plus just-in-time production to meet tight schedules. It's never been easier to go digital.

Produce high-quality labels — cutting-edge MicroPiezo® inkjet technology provides ultra precise drop formation and placement to deliver smooth gradations, remarkable color quality, and sharp detail for easy bar code readability, plus crisp small type and line work. Epson's SurePress L-4033AW AQ ink set includes White ink for solid, opaque white printing on materials such as clear film and metallic substrates.
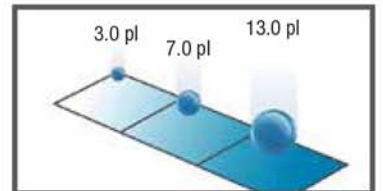
Calories 0 g
Fat 0 g
Sodium 1 mg
Carbohydrate 0 g

Sharp reverse text

Fine gradations and shadows

Quality bar codes on clear film and variable data printing

5678

White ink (L-4033AW)

Apple Flavor
500 mL (16.9 FL. OZ.)
MINERAL SALT CONTENT 177 ppm

Seven-color, industrial-quality ink set — including Orange, Green and White for clear film and metallic substrates to produce a remarkable range of colors

SurePress AQ Ink

Uncoated Black	Black	Cyan	Magenta
Yellow	Green	Orange	White (L-4033AW)

Epson's acclaimed MicroPiezo multi-print-head technology — delivers well-defined dots for accurate, consistent printing

Variable-sized Droplet Technology — ensures smooth gradations and accurate colors for optimum image quality

3.0 pl   7.0 pl   13.0 pl

Transfer short-run jobs to SurePress for greater flexibility and efficiency.

You'll be amazed at how flexible your operation will become with Epson's SurePress. Make-ready time is dramatically reduced and substrate changeover is quick and efficient. Operation is simple and maintenance requirements are minimal, which means you'll easily increase productivity and profitability.

Boost profitability — ensures lower make-ready costs while offering a wider range of printing solutions

Get versatile media support — print on a wide range of standard substrates up to 12.6 mil thick and rolls from 3.15 to 13 inches wide
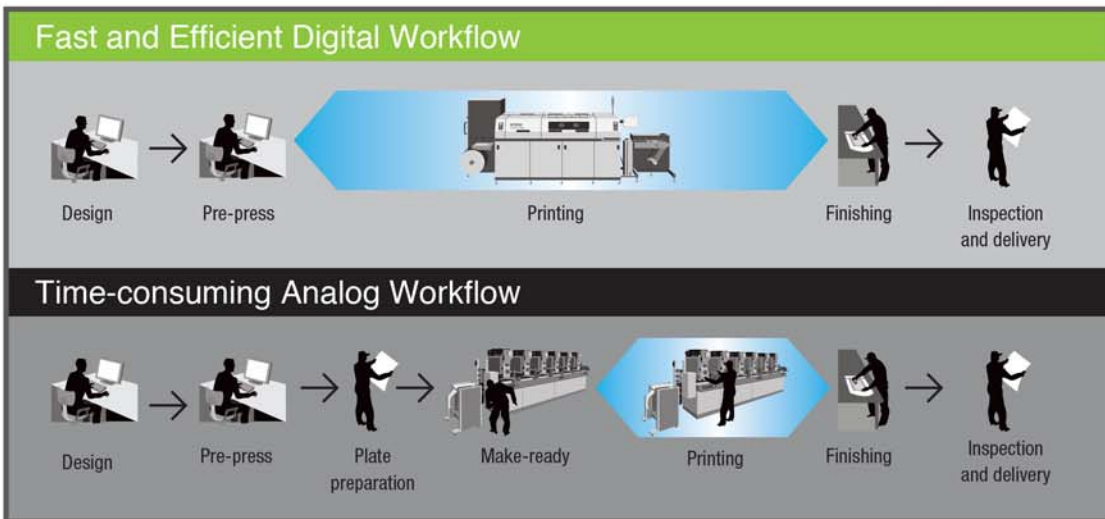
Reduce waste — no chemicals or plates required in the pre-press process, plus less media and ink used when setting up short-run jobs

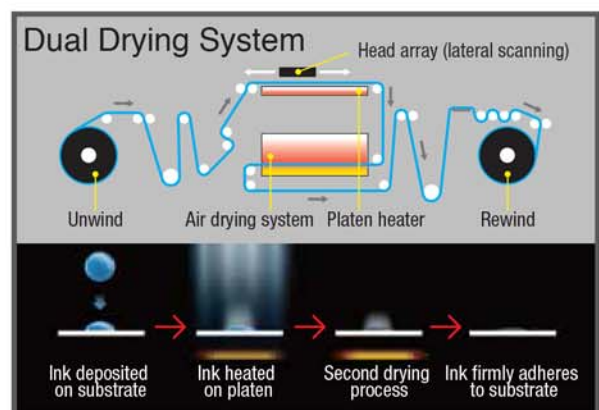**Enhance productivity** — transfer time-consuming short-run jobs to the SurePress for more cost-efficient and timely results

Easily operate — the intuitive touch-screen panel makes digital printing simple

Touch-screen panel
makes operation easy

Fast and Efficient Digital Workflow

Design → Pre-press → Printing → Finishing → Inspection and delivery

Time-consuming Analog Workflow

Design → Pre-press → Plate preparation → Make-ready → Printing → Finishing → Inspection and delivery

No pre-coated media required — two-stage drying process ensures optimum ink adhesion

Dual Drying System

Head array (lateral scanning)

Unwind | Air drying system | Platen heater | Rewind

Ink deposited on substrate → Ink heated on platen → Second drying process → Ink firmly adheres to substrate

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Specifications[†]

Printing Technology	EPSON MicroPiezo inkjet technology
Resolution	720 x 720 dpi (for paper), 1440 x 720 dpi (for film)
Ink Type	EPSON industrial-quality, water-based, resin-coated, pigment ink system (SurePress AQ)
Ink Colors	Cyan, Magenta, Yellow, Black, Green, Orange, White (L-4033AW)
Cartridge Fluids	Over print, Moisture liquid
Web Width	3.15" – 13" (80 – 330 mm) Adjustable to support any width in this range
Image Size	36" x 12.4" (914.4 x 315.2 mm) maximum repeat lengths
Print Speed	Up to 16 feet (5 m) per minute at 720 x 720 dpi (on paper)
Substrate Support	Standard self-adhesive label stock and film (no pre-coating required) Semi-gloss, gloss and matte paper stock, BOPP, PET, Yupo, clear and metallic films
Substrate Thickness	0.004"– 0.013" (0.10 — 0.32 mm) or 100 – 320 microns (4 — 12.6 mil)
Unwinder / Rewinder Capacity (maximum)	220 lb (100 kg) / 23.6" (600 mm) diameter / 3280.8 feet (1000 m) maximum length with 3" (76 mm) inner core
Press Dimensions (W x D x H)	12.43' x 6.06' x 6.00' (3788 x 1847 x 1828 mm)
Rewinder Dimensions (W x D x H)	4.30' x 2.95' x 3.28' (1310 x 900 x 1000 mm)
Weight of Press	Approximately 4078 lb (1850 kg) including rewinder
Weight of Rewinder	Approximately 397 lb (180 kg)
Network Connectivity	Ethernet 1000 Base-T or higher is recommended
Temperature (operating)	64 ° to 82 °F (18 ° to 28 °C)
Relative Humidity (operating)	35 — 55% (no condensation)
Power Requirements	Rated voltage — AC (three-phase system) 200 V Input frequency range — rated ± 1% Input voltage range — rated ± 10% (180~220 V) Rated current — 30 A Rated frequency — 50 – 60 Hz
Maximum Sound Level (operating)	75 dB or less (excluding the alarm sound)

Dimensions

Front

6.16' (1878 mm)   3.28' (1000 mm)

12.21' (3722 mm)   4.3' (1310 mm)

Rear

Right side

2.95' (900 mm)
4.76' (1451 mm)

Left side

Blue — non printable area

.196" (5 mm)
.39" (10 mm)
13" (330 mm)

36" (914.4 mm) = length of 1 frame