LZC54/75 INDUSTRIAL FULL-COLOR UV-LED WEB INKJET PRINTER

- Up to 30m/ min.
- Up to 600dpi
- Variable Data Printing
- Wide Media Applicability
- Customized Printing
- Short-run Printing

Ideal Alternative to Small Water-based & Thermal Transfer Label Printers

• Labels   • Hang Tags   • Tickets
•Lotteries/ Bingos   • Foil Packaging

PERSONALIZED AND CUSTOM APPLICATIONS
JIT Print, Zero Inventories

LZC series is an innovative full-color UV-LED web inkjet printer specifically designed for industrial short-run narrow-format production. With compact and robust design, LZC series offers outstanding print quality, exceptional productivity and great flexibility. Integrated with advanced UV inkjet printing technology, LZC series supports a wide range of media that can be applied as labels, hang tags, tickets, lotteries/ bingos, foil packaging, etc.

As an ideal alternative solution to small water-based and thermal transfer printers, environment-friendly LZC series has prominent advantages in producing smooth gradients and vivid colors with the productivity of up to 30m/ min. at a lower running cost.

Based on highly modular design concept, LZC series can be configured with versatile post-printing modules, such as cutters/ dotting cutters, re-winders, detachers, die cutting or cross-cutting. LZC series will help you build new business and win potential profits.

Wide Applicability and High Flexibility Create Profitable Opportunities

LZC series offers a web width within 140mm and print width up to 54/ 75mm. It enables to print on a wide range of media, including self-adhesive label stock, coated paper, cast coated paper, uncoated paper, and aluminum foil.

LZC series allows for adjustable variable data printing positions. The target printing positions of variable data usually change with different printing jobs. LZC series enables you to meet the demand of each job for broad applications and more profitability.

Labels

- Special food and beverage
- Body and health care
- Household chemicals
- Industrial and security labels
- Electronics and automotive labels

Foil Packaging

- Food lids, caps, seals and wrappers
- Beverage lids, caps and seals
- Pharmaceutical lids, caps and seals

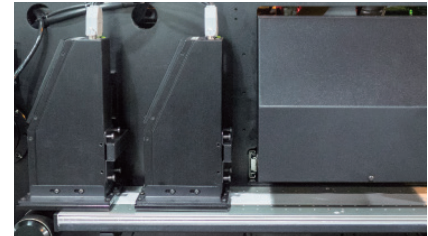**Hang Tags** for the clothing industry

Tickets for the culture and tourism industry

Advanced Print Head Control Technology Amica's proprietary VDS (Variable Droplet Size) control technology produces vivid colors, smooth gradients, as well as crisp and clear small-sized texts and lines, providing you with high-quality final prints.
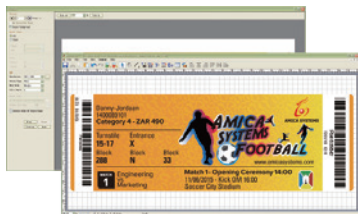
Automatic and Accurate Media Feeding Control The servo-driven system ensures high-precision and high-speed printing with low noise and slight vibration. The signal encoder enables to acquire media feeding signal for fast and accurate variable data printing.

Integrated UV Pinning and Curing System The UV pinning system maintains the ink droplet in place to control dot gains until it reaches the full UV curing system, which cures the ink finally and completely. With the integrated UV pinning and curing system, LZC series provides sharper and vibrant print quality, outstripping other small-scale water-based label printers and thermal transfer printers.

Variable Data Printing Builds Added Value Applications

LZC series works seamlessly with the MagicPage VDP software, ColorPRINT RIP software and Professional Printer Control Software (PCS Pro) for color variable data printing (VDP). Several types of variable data, such as text, dates, time, graphics, logos, serial numbers, barcodes, and photo images, can be printed out. Variable data printing helps you create added value applications and obtain more business opportunities for personalized printing.

MagicPage VDP

PCS Pro

EAN 13   QR Code   PDF417

69512345871
Code 39

HIGHLIGHTS

Visualized Window

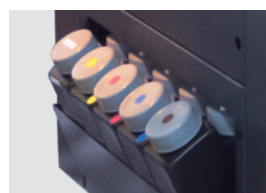enables to inspect printing status, preventing UV light leakage.

Active Negative Pressure System

provides high-quality printing at higher firing frequency.

Print Head Maintenance System

Adopting compact drawer-type design, Automatic Print Head Maintenance System allows purging, wiping and capping to promote performance.

Ink Supply System

Built-in liquid level sensors alarm the shortage of ink; anti-overflow unit prevents ink from flowing out, keeping related components intact.

SPECIFICATIONS

Print technology	Print heads: DOD piezo electric print heads Print head maintenance: Automatic Print Head Maintenance System for purging, wiping and capping
Curing system	UV-LED pinning and curing lamps
Ink	Ink type: UV curable inks, CMYK Ink tank volume: 1L
Media	Handling: tight web continuous roll feed Types: self-adhesive label stock, coated paper, cast coated paper, uncoated paper, aluminum foil, etc. Roll-fed width: max. 140mm (5.5") Thickness: 0.08-0.50mm (3.15-19.68mils) Roll diameter: max. 450mm (17.7") Roll weight: max. 50kg (110lbs) Core diameter: 76.2mm (3.0")
Environment requirements	Temperature: 16-28°C (61-82°F) Relative humidity: 40-60% (Recommended) Altitude: up to 1000m (3281ft)
Power requirements	Frequency 50/60Hz; Voltage 220V ± 10%; Power 3300W/ 15A
Software and user interface	Professional Printer Control Software (PCS Pro) ColorPRINT RIP Software MagicPage VDP Software
Connectivity	Fast Ethernet
Dimensions	2760mm × 760mm × 1436mm (108.7" × 29.9" × 56.5")
Weight	500kg (1102lbs)

	LZC54	LZC75
Print head model*	MH5420	KM print heads
Print head number	4	
Print width	54mm (2.13")	75mm (2.95")
Color	CMYK	
Print resolution	600 × 600dpi, 600 × 300dpi	
Droplet size	min. 7pl, Variable Droplet Size	min. 3.5pl, Variable Droplet Size
Print productivity	30m/ min. (98.4ft/ min.)	

*For print head models or more customized configurations, please feel free to contact us.

APPLICATIONS

Labels   Hang Tags   Tickets   Lotteries/ Bingos   Foil Packaging

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