LZ54

UV LABEL PRESS

•*Narrow-format* •*Industrial* •*Economical*

- Monochrome with Double Speed (Patented)
- Dual-color Printing, Custom Ink Color
- UV Curing Ink、600dpi
- 30-60m/ min
- Short Run & Diverse Label Printing
- Variable Data Printing (VDP)
- Involving Multiple Patented Technologies

PERSONALIZED AND CUSTOM APPLICATIONS

JIT Print, Zero Inventories

AMICA enriched the company's portfolio of inkjet label digital presses by adding economical narrow-format UV label press-LZ54, which is AMICA's latest innovation to the dual- color inkjet printing market. LZ54 adopts DOD piezoelectric inkjet print technology and is professionally designed for the small-run digital label printing. Tailored for brand owners, manufacturers and retailers, LZ54 is the optimal choice to respond to increasing demands on personalized and customized label printing as the result of the consumption upgrading.

As Amica's latest inkjet web press, the compact and robust LZ54 offers outstanding print quality, exceptional productivity and great flexibility. LZ54 is equipped with the professional Variable Data Printing (VDP) software and full automatic

Print Head Maintenance Module, providing you with highly-efficient and stable 7/ 24 productions of easy operation and maintenance for non-professional operators. LZ54 label press creates prominent effects on various label materials, widely applied to industrial manufacturing, logistics, pharmaceutical and Internet industries.

Vacuum Table
keeps media stationary for accurate registration during the whole production.

Visualized Window
is convenient to inspect the printing status, and keeps users away from the impacts of UV lights.

Automatic PH Maintenance Module
adopts drawer-type design, with adjustable Z-aixs height, realizing automatic purging, wiping and capping.

Active Negative Pressure System
provides high-quality printing at higher firing frequency.

Ink Supply System
for stable 7/ 24 industrial production; Built-in liquid level sensors for alarming the shortage of ink.

Servo Drive System
ensures high-precision and high-speed printing with low noise and little vibration.

Re-winder (Optional)
with metal frame and roller, offering strong bearing force and long service time.

Color LCD Smart Panel
provides printing status and paper running information, both Chinese and English are availble.

Unwinder
available with 60mm media width, 76mm (3") Core, and Max. rolls of 300mm (11.8").
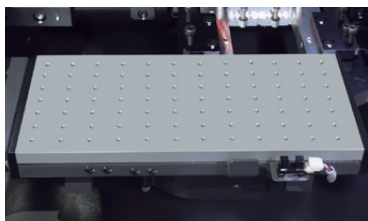
FEATURES

Simultaneous Dual-color Printing LZ54 offers two spot inks printng simultaneously, and the ink colors can be customized. It helps you to meet even the most stringent corporate brand requirements while printing price tags, hangtags, corporate logos or recognizing colors. LZ54 is also the best choice for printing adhesive labels such as chemical labels, warning labels and logistics labels.

Variable Data Printing The LZ54 Label press seamlessly works with the MagicPage VDP software for monochrome and dual-color Variable Data Printing (VDP). Several types of variable data are supported, such as texts, dates, time, graphics, logos, serial numbers, barcodes, MICR Fonts, and photo images.

Highly-efficient Double-speed Printing The LZ54 Label press adopts the proprietary image data processing and digital inkjet printing technologies, realizing double-speed printing without compromising the printing precision.

Convenient Maintenance and Cost-effective Performance Automatic Print Head Maintenance Module is designed to maximize performance and decrease maintenance expenses. Before or after printing, the Print Head Module stays at the maintenance station for automatic purging, wiping and capping. For printing, it will move out from the maintenance station to the printing position.
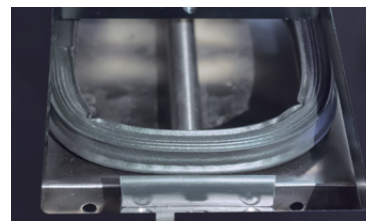
Modular Design for Multiple Linking Modes Based on the highly modularized design concept, LZ54 optionally adopts versatile post-printing modules, such as cutters/ dotting cutters, rewinders, detachers, die cutting and cross-cutting, fulfilling the various requirements for label printing.
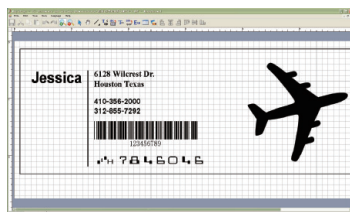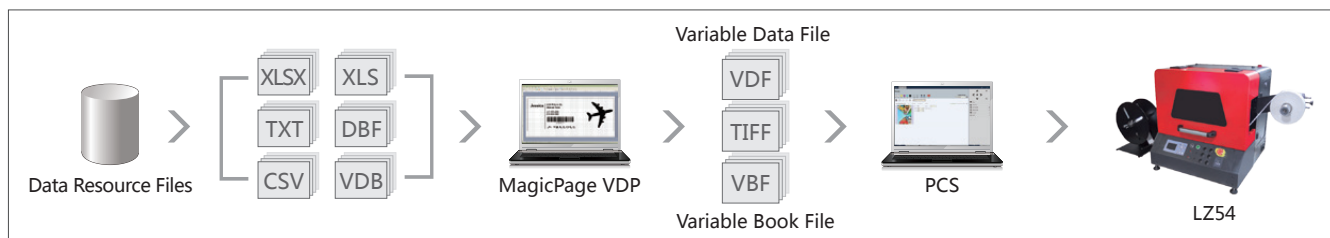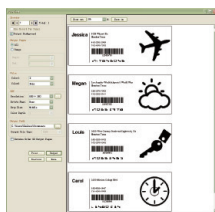

Vacuum Table

Industrial Ink Tank

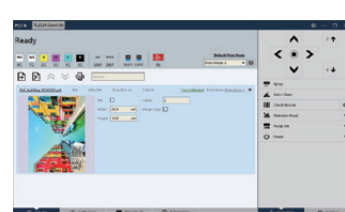Automatic PH Maintenance Module

EFFICIENT WORKFLOW

VDP workflow integrates multiple advanced technologies, from color management, RIP, content collaboration, to output production. The efficient and streamlined workflow enables users to achieve high-speed, accurate, and vivid color variable data printing.

Data Resource Files → XLSX / XLS / TXT / DBF / CSV / VDB → MagicPage VDP → Variable Data File: VDF / TIFF / VBF / Variable Book File → PCS → LZ54

MagicPage Main Window

MagicPage RIP Window
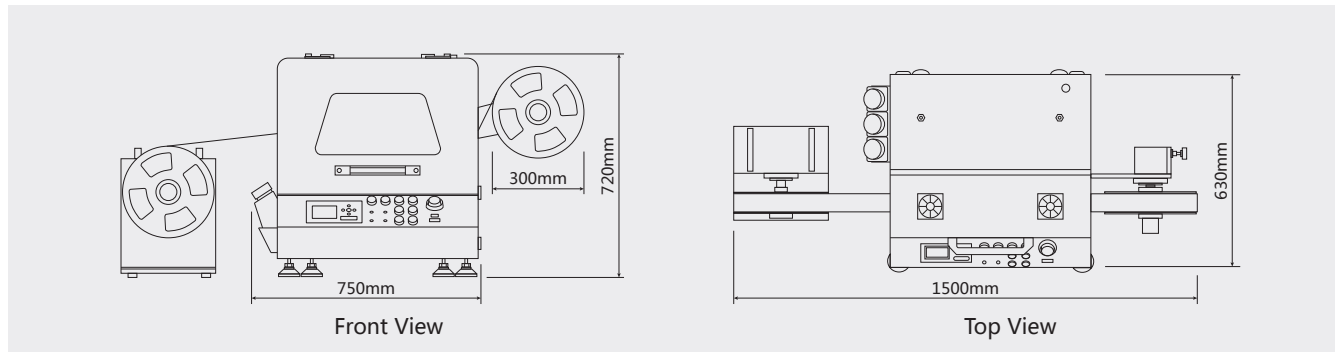

PCS Main Window

LZ54 supported fonts and barcodes:

· Graphics, numeric codes, time, and serial numbers

· True Type and Open Type

· 1-D Barcodes: EAN 13, EAN 8, Code 39, Code 128, Codabar 2 Widths, GS1 DataBar (RSS-14), Interleaved 2 of 5, UPC-A, and USPS PostNet

· 2-D Barcodes: PDF417, QR-Code, and Data Matrix

EAN 13   QR Code   PDF417

69512345871
Code 39

BASIC SPECIFICATIONS

Print Productivity	30-60m/min
Print Technology	Print Head: DOD piezo electric inkjet print head Print Resolution: 600 × 600dpi，600 × 300dpi Dropsize: 7pl-21pl, Variable Dot Size Print Width: ≤54mm Print Head Maintenance: Automatic print head maintenance module for purging, wiping and capping
Ink	Ink Type: UV curing ink Ink Tank Volume: 1L, two colors
Media	Handling: Tight web continuous roll feed Types: self-adhesive label stock, coated and uncoated paper, writing paper, synthetic paper, multi-layer adhesive compound paper, etc. Max. Media Width: 60mm Un-winder Roll Diameter: Max. 300mm (11.8") Re-winder Roll Diameter: Max. 300mm (11.8") Un-winder Core Diameter: 76mm (3.0") Re-winder Core Diameter: 25.4mm (1"), 38.1mm (1.5") or 76.2mm (3") (Arbitrary switching)
Weight	70kg
Environment requirements	Temperature: 18-28°C (64-82°F) Relative Humidity: 40-60% (Recommended) Altitude: up to 1000m (3281ft)
Power requirements	Frequency 50/60Hz; Voltage 220V±10%; Power 1320KW/6A
Software and User Interface	Printer Control Software (PCS) MagicPage VDP Software
Connectivity	Fast Ethernet (100Mbit/s) or High speed USB 3.0 interface

* For other print head models and more customized configurations, please feel free to contact us for your requirements.

Front View

Top View

APPLICATIONS

Price Tags

Hang Tags

Logistics Labels

Other Labels