![locor]

Product Model	LC-W5500
Number of Printheads	1-42
Printhead Type	KONICA 1024I / RICOH GEN6
Printhead Height	0-80mm
Printhead Cleaning	Fully automatic cleaning with anti-clogging, flash spraying, and automatic moisturizing functions
Ink Type	UV Ink
Ink Colors	CMYK/CMYKW/CMYKWV
Ink Cartridge Capacity	5000ml per color
Ink Supply Method	Negative Pressure Continuous Ink Supply System
Printing Width	5450mm
Media	Suitable for transparent glass stickers, transparent PVC films, 3P cloth, etc.
Printing Direction	Bidirectional Printing
Printing Mode	Color-White-Color\Color-White\White-Color\Color1\Color2 (LED UV)
Take-up Device	Standard Configuration
Curing System	Water-cooling system + LED UV lamp
Image Quality Inspection	Front-mounted LED light guide plate
Operation Language	Chinese/English
Computer System	Win11/Win10/Win7
Working Environment	Temperature range 18°C-25°C; Humidity range 35%-65% Rh
Printing Interface	USB
RIP Software	PrintFactory / Photoprint
Power Parameters	AC 220V, 50Hz/60Hz
Power (W)	max:10000W
Noise Level	Standby ＜32dB, operating ≤65dB
Machine Dimensions/Weight	8200 * 2150 * 1900mm (L * W * H) / 9000kg
Package Dimensions/Weight	

Hybrid Series—**Multi-Printhead**

LC-W5500
UV Hybrid Printer

Printing Width: 5450mm

ZHENGZHOU YUCAI ELECTRONICS TECHNOLOGY CO.,LTD.

Print head speed

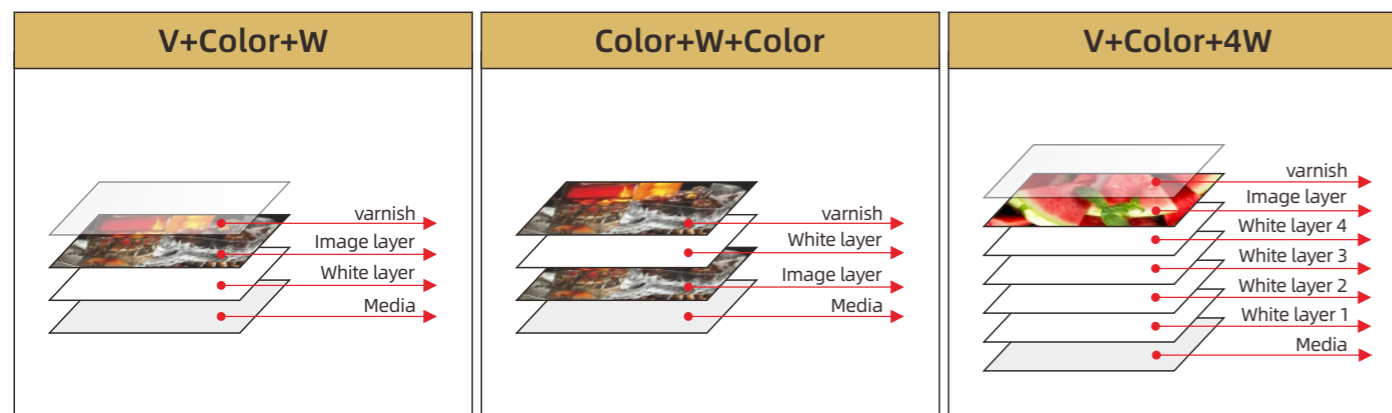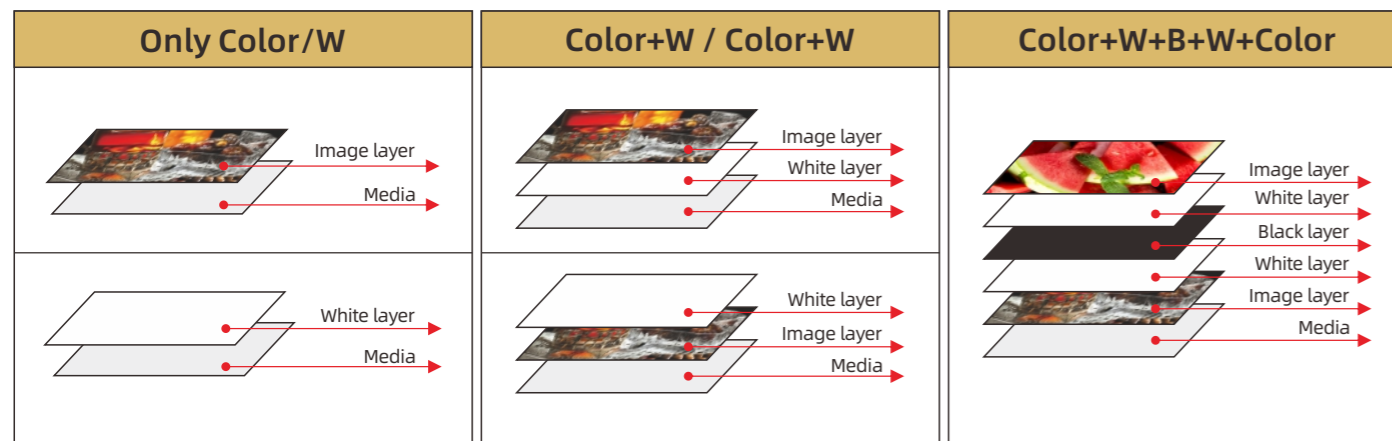- printing speed with 42 printheads (CMYK)

KONICA 1024I

4pass	280m²/h
6pass	120m²/h

Print Mode

- The multi-layer imaging technique can quickly produce the relief and other 3D image effects on the printing materials, with the sense of carving and the sense of concave and convex within reach.
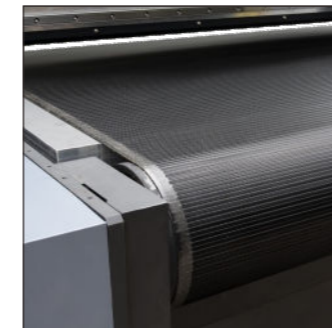
Only Color/W
- Image layer
- Media

- White layer
- Media

Color+W / Color+W
- Image layer
- White layer
- Media

- White layer
- Image layer
- Media

Color+W+B+W+Color
- Image layer
- White layer
- Black layer
- White layer
- Image layer
- Media

V+Color+W
- varnish
- Image layer
- White layer
- Media

Color+W+Color
- varnish
- White layer
- Image layer
- Media

V+Color+4W
- varnish
- Image layer
- White layer 4
- White layer 3
- White layer 2
- White layer 1
- Media

Computer Configuration Requirement

- Win7/Win10/Win11 home 64 byte operation system
- CPU: Core i5 at least
- Memory: 6G at least
- Hard disk: 256G fast (7200 PRM)
- Network: Gigabit LAN
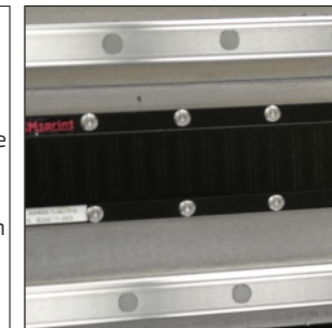- Monitor: 17 inch flat panel display , true color display card , support resolution above 1024X768.

Higher precision at mechanical design

Mesh belt platform
Adopting a mesh belt vacuum platform, with industrial grade high-power fans, strong adsorption force, stable material medium transmission on the platform, and avoiding wrinkles.

dual-guide rail
Adopting a dual-guide rail and screw dual-drive control system ensures the stability and trajectory accuracy of the trolley during Y-axis movement.

LED UV lamp and Anti-collision sensor
Equipped with high-power UV LED chips, it intelligently adjusts curing power and exposure time to adapt to different materials and ink thicknesses.
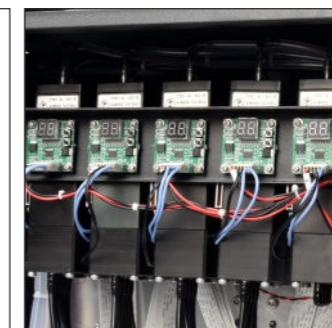
Air Shaft
An intelligent feeding and winding system that saves time and effort, enabling high-efficiency printing.

White ink mixer
The white ink mixer above the ink cartridge can effectively prevent precipitation of the white ink and makes the printing process more smoothly.

Ink heating
Keeping UV ink at 40 ℃ can ensure smoother ink flow during the printing process, reduce the risk of ink splashing and breakage.

Application