

Technical specification

UV Flatbed

Printing Technology

Print head	Ricoh Gen5/Konica	
Print head quantity	6-12heads for Ricoh/Konica	

Productivity

	Ricoh	Konica
Express	40m ² /hr	100m ² /hr
Production	30m ² /hr	75m ² /hr
Quality	20m ² /hr	50m ² /hr

Resolution & Software

Resolution	3600dpi Max.
Software	Standard (SAI photoprint) ;Neostampa Onyx, Caldera, Wassatch as optional

Media

Max media width	2500mm*1200mm
Max media thickness	100mm
Media type	Rigid and flexible flat materials

Inks

Ink	Environmental friendly UV/LED curable ink (VOC free)
Ink color	C, M, Y, K, Lc, Lm, V, W
Ink supply system	5000ml large bulk system with automatic supply
Power consumption	Dual LED UV curing system

Dimensions & Weight

Machine dimension	4820mm*2160mm*1400mm
Weight	2000kg

Operation Requirements

Interface	High speed USB3.0
Power	220V, 50/60Hz, 8500W
Environment	Ambient Temperature: 20°C-28°C Constant Humidity: 40%-60% RH

Warranty

Warranty	1 year warranty standard
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※ Specifications are subject to change without notice.



XENONS®

UV flatbed Series

R2512/K2512

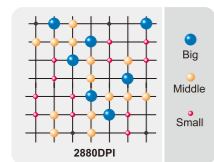
The first choice in decoration business. Glass, wood, metal, acrylic, plastics, carpet... We do what is in your mind.

Key Features

- ▶ High-precision, high-speed and long-life industrial printhead Konica 1024, Ricoh Gen5.
- ▶ Vacuum sucking working table (4Zones) makes various printed materials be fixed easily and fast.
- ▶ Wide printing size and fitting in with thickest 100mm printed materials expand the application areas to the hilt
- ▶ Effective and reliable Anti-crash system prevents the industrial printheads from being damaged accidentally
- ▶ Stable and reliable servo motor from Japan Panasonic provide strong power for printing
- ▶ High speed dual guide rail with low noise and high wear resistance from Japan THK guarantees the movement stability of X, Y axis.
- ▶ Newly-developed automatic negative pressure control system.

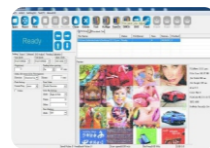


UV flatbed Series



1. Photographic Image output

YILIJET's patent VSDT technology delivers a ultra high quality prints with multi drop dots from 5pl to 40pl



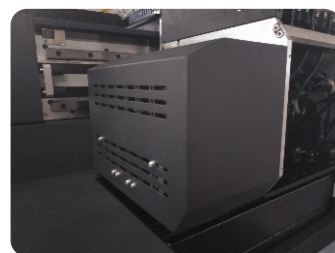
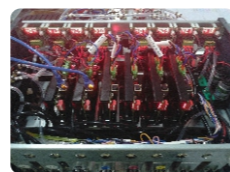
2. Preview of your printing job

With this GUI, you can check the printing situation to better arrangement, as well you can get the whole printing history of your printer



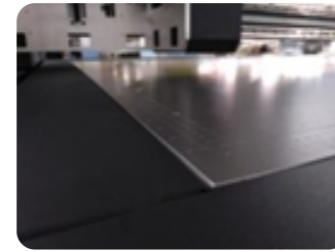
3. Variable color configuration + easy upgrade

Standard 4 Color plus white, Light Magenta, Light Cyan, Varnish ink for option. Satisfy different customers for high speed, high resolution, special white and varnish application on different substrates.



4. Anti-crash Sensor, Resume print after E-stop

The safety anti-crash sensor can detect the media circumstance beforehand and protect the print heads from a crush hazard. After that, you can resume printer, which will help you save media.



5. Automatic Registration Pin System

Automatic registration pin system aid easy edge to edge printing, which simplifies the media location and ensure high precision printing output.



6. Secondary cartridge independent heating system

Temperature of secondary cartridge controlled by software.



7. White ink Re-circulation System

Xenons flatbed series printer offers eight major utilizing white ink applications. White ink re-circulation results in an effective elimination of ink starvation and protects print heads from clogging hazard.



8. Dual Automatic Negative pressure Adjustment System

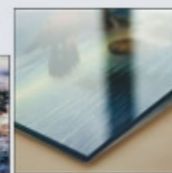
Independent negative pressure system for white color provide guarantee for continuously and stable printing. Self-adjusting design makes negative pressure more stable.

Application:

Metal, Plastic, Glass, Wood, Ceramic, Acrylic, Leather, etc



Carpet



Glass



Ceramic



Acrylic



Wood



Paper



Plastic