



TRUE COLORS®
LEADING TECHNOLOGIES

ELITE SERIES 2512

PRECISION REDEFINED POWER UNLEASHED

Smarter . Productivity. Profitability



2.5m x 1.3m
Both Softs & Hard
Material



60* m²/h
Stay productive



3 to 4
Print head rows
Expandable



4 to 8
Color Channels
Greatest Possibilities

Empower your printing business with innovative solutions crafted for versatility, precision, and performance



Linear Motor Drive Technology

Ultra-precise, high-speed carriage movement with zero backlash, delivering sharper details and faster production cycles for demanding applications



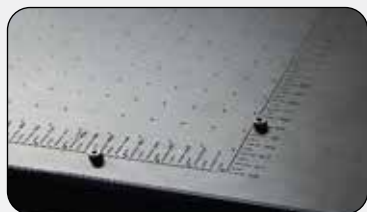
Metal Encoder

High-Precision Positioning for Smooth, Accurate & Reliable Printing. Metal Encoder is a precision component used to accurately detect and control the movement/position of the print carriage



Printhead Safety

Set of carriage safety sensors on either side of print carriage to protect valuable print head from hitting media in case of irregularities



Retractable Media Register Pins

Automated retractable media register pins perfectly position the substrate to facilitate accurate printing



Emergency Stop

Provides an instant shutdown of the UV printer in case of an emergency, helping protect the machine and printing system from potential damage



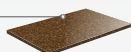
Advance LED UV Lamps

Printer is equipped with advanced LED technology of UV lamps, capable of curing quick and all heat sensitive materials. It does not require any warm up or cool down time

Multi Layer Printing

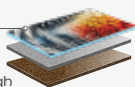
Material

Glass, Wood, Door, Acrylic, Metal etc



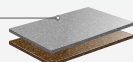
Colors Layer

Everything in color is printed in this layer. Transparent areas will show the bottom layers through



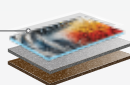
White Layer

The white ink is used to block the areas you don't want the material to show through.



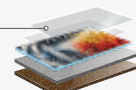
Varnish Layer

Spot glossy varnish for highlights



Matte Varnish

Gloss Varnish



High Distance Printing upto 18mm



- High print quality
- Work on uneven surface
- Increase Productivity

Technical Specifications

Model	Digital Inkjet Printer ELITE 2512	
Max. Printing Size	2500mm x 1300mm	
Printhead Tech.	Drop on demand micro piezo-electric digital inkjet Printer	
Printhead	RicohGen6	KM9888h
Print Resolution	635 x 2400dpi(Max)	400 x 2400dpi(Max)
Print Head No	2	2
Print Speed (Express Mode)	15* m ² /hr	18* m ² /hr
Print Speed (Standard Mode)	12* m ² /hr	15* m ² /hr
Print Speed (Quality Mode)	10* m ² /hr	12* m ² /hr
Optional color Configuration	CMYK W, CMYK LCLM, CMYK LCLM W, CMYK CMYK, CMYK W V, CMYK LC LM W V, CMYK LCLM FMFY, W CMYK V GV	
Color Scale (optional)	CMYK + LC + LM + White + Varnish + FM + FY + FG + FO + Primer + Gold Varnish	
Max. Media Thickness	0-100mm	
Ink Supply System	Negative Pressure Auto ink Supply	
Drying System	UV Lamps Instant Drying	
Media Absorption	Vaccum Enabled	
Table Pressure	35kg/m ²	
Printable Media	Glass, Ceramic, PVC, Wood, Metal, Sunboard, Sunpack, Acrylic, MDF, Doors & All Rigid Materials etc.	
Interface	USB 2.0	
Rip Software	Photoprint / Onyx (optional)	
Power	10kw / Single Phase / AC 220V , 50/60 Hz	
Operatioal Environment	Temprature : 18 °C ~ 22 °C, Humidity 35% RH ~ 65% RH	
Machine Dimensions	4440*2145* 1430 (mm)	

* Specifications are subjected to change without prior notice. This catalogue is not subjected to any legal proceedings. * Under test conditions. * Actual Images may vary.

Key Features & Highlights



Resume Printing After Crash

If a material crash occurs near the end of a print job, the advanced output software allows operators to resume printing precisely where it stopped—saving valuable time, reducing waste, and ensuring job continuity



Wide Color Gamut, High Durability

THQ+ Premium UV inks dry fast and produce a wide color gamut, enabling the use of a wide variety of materials



3X Powered Servo Drive

1 Servo Drive for X and 2 Servo Drive for Y for printer stability and longer life



Powerful Vacuum

A powerful vacuum holds substrates flat & firmly in place



Easy Operational Software

User-friendly software for smooth & efficient printing with advanced control



Single color clean



Variable dot printing



ICC profile for all media



Double negative pressure



White ink circulation



Effect 3d printing



Multilayer printing



Auto ink refill alarm

Acrylic Printing

Premium decorative panels, eye-catching displays, photo frames, blockouts



Glass Printing

Design elements made of vividly printed glass are an eyecatcher, and a speciality of platinum flatbed printers



Sunboard Printing

Cost-effective signage solutions



Wood Printing

UV printing directly on real or reproduction woods is a niche to be filled



Almirah Printing

Customized designs for architectural and lifestyle products



Metal Printing

Design elements made of vividly printed glass are an eyecatcher, and a speciality of platinum flatbed printers

Door Printing

Customized designs for architectural and lifestyle products



3D Texture Printing

Interior décor and customized furnishings
3D Printing is an advanced printing technique used to create realistic 3D textures, raised effects, and detailed designs.



- **Auto Height Detection** – Automatically detects the thickness/height of the printing material and adjusts the printhead gap accordingly
- **White Ink Circulation** – Stirring of White Ink avoids clogging, hence improves the head life
- **Auto Ink Alarm** – It alerts on timely refilling of the ink
- **Spot White/Varnish Print** – Software option for spot white & varnish adds commercial and customised application
- **Multi-Head Configuration System** – Staggered array for simultaneous CMYK + special ink printing
- **High-Precision Carriage Plate** – Enhanced stability for $\pm 0.01\text{mm}$ dot placement accuracy

Advanced Multi-Layer Technology – Build-up printing for 3D textures and raised effects
Texture Panel Printing Capability – Direct 3D effect creation on rigid substrates

FEATURED PRODUCTS

XLINe UV HYBRID 2M

Print Speed Upto – 80*m²/h

- 2 Meter Wide Printing
- Superior Print Quality
- User-Friendly Maintenance
- Unmatched Material Versatility



HIGH SPEED DIGITAL CUTTING MACHINE

- High-strength engineering materials
- Stable vacuum design
- Diagonal brace built in the gantry
- Imported aviation aluminum table



Sign and Graphics



Print & Packaging



Textile & Apparel



XLINe UV RTR 3.2M

- Upgraded high Strength steel beam frame design, strong overall rigidity, excellent stability
- Upgraded overall 20-roller shaft system densified press wheels and pin rollers design for more stable stepping



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