

Applications



Ceramic



PVC



Metal



Wooden



Phone Case



Badge



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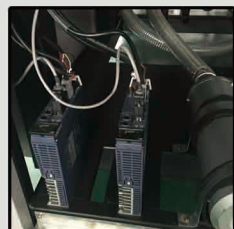
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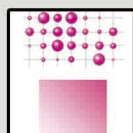
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MT-1212R



Servo Driver & Servomotor for X & Y Axis



Variable Droplet Technology



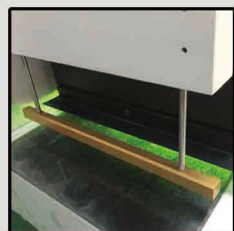
Separate Negative Pressure System



Individual Ink Purging System



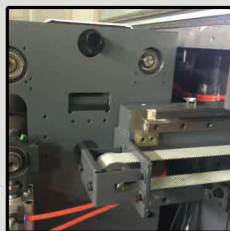
3D Embossing Printing Effect



Carriage Anti-collision System



Circuit Board with Relay



Servo Driver & Servomotor for X & Y Axis



UV Ink Constant Temperature Control System



White Ink Dual Circulating System

Specifications

Model	MT-1212R	
Print Head	RICOH GEN5 7PL(Piezo Electric)	
Color	C M Y K or C M Y K Lc Lm (White Color and Varnish are Optional)	
Resolution	600,900,1200,1800,2400dpi	
Print Speed	Up to 35 m ² /h (8 Print Heads Double 4 Colors)	
Media	Wood Panel, Aluminum Panel, Door Plank, Paperboard, PVC Expansion Sheet, Ceiling Panel, Glass, Ceramics, Acrylic, PVC, etc.	
Size of Material	Maximum Printing Area :	Panel: 1.20m(Width)x 1.20m(Depth)
	Maximum Material Size :	Panel: 1.25m(Width)x 1.40m(Depth)
Thickness of Material	Panel :≤ 120 mm	
Ink	Eco-friendly,Highly Durable UV Ink With Bright Color	
Ink Capacity	2.5L Drums, Automatic Ink Control, Non-stop and Ink	
Software	Photoprint/ Caldera(Optional)	
Dimensions (W x D x H)	2580 * 3400 * 1450 m	
Packaging Size(L*W*H)	3450 * 2200 * 1760mm	
Gross Weight/Net Weight	700kg/560kg	

Features

1. The MT UV Printer 1212R working table is aluminum alloy plate with hardware quality oxidation treatment.
2. MT UV flatbed printing machine has 6 vacuum areas for rigid material (flatbed printing).
3. MT UV printer is using international UV ink from Belgium, Japan, Spain, and UK.
4. MT UV printer is using ink valve and UV lamp from UK. The life of imported UV lamp is 800-1000 hours, much longer than general UV lamp that is just only 500 hours lifetime.
5. MT UV printer1212R adopts main filter and disk filter from UK.
6. MT flatbed UV printer 1212R equipped printhead imported from Japan.
7. MT UV printer 1212R is using negative pressure pump from Germany.
8. MT flatbed UV printer adopts THK guide rail with double-slider and sound off function from Japan.
9. MT UV printing machine equipped with the best quality Japanese NSK long life bearing and screw, ensure printing stability and high precision.
10. MT UV printing machine use wide 30mm long life carriage belt, inside threads can reduce noise, and ensure printing stability.
11. MT UV printer adopts separate negative pressure system for colors(C M Y K Lc Lm), white (W) and varnish (V).
12. On MT UV printing machine 1212R, the negative pressure controlled automatically; negative pressure pump will run automatically as per negative meter value.
13. MT UV flatbed printing machine equipped with individual color purging that minimizes ink consumed for cleaning printheads.
14. Carriage is equipped with anti-crash device, in order to protect printhead for MT UV printer 1212R.
15. The UV printer allows you to print (color-white-color) and (white-white-color), to get 3D embossing printing effect.
16. The UV printer is using long-life two wide Steel belts instead of ball screws to avoid noise and precisely control movement of Y-axis.
17. MT flatbed UV printer is using servo driver and servomotors to respectively precisely control carriage to move in X axis and Y axis, in order to ensure printing quality.
18. MT-1212R UV lamp system is controlled by electricity without any noise.
19. MT UV printing machine is using automatic media sensor for Z axis to automated control on height of printhead.
20. The UV printer has bi-direction printing function on X axis, and carriage can move forward or backward on Y axis.

