MORPHO 1212UV flatbed printer is the most reliable flatbed printing solution after an accumulation of 15years+ technical research & development, with an extremely high precision platform structure, CMYK+Lc+Lm+White/Vanish fulfill the application to the maximum,purpose for most variety of flatbed media application with best photo finishing.

Features >>>
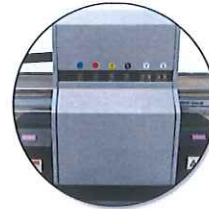
1.Negative pressure system

2.PH Cleaning station

3.PH capping system

4.Individual color purge

5.High precision platform with suction

6.IGUS chain

Description >>>

- Up to 8 colors specification (CMYKLcLmWV) upon request.
- Print head auto capping system,auto detect media thickness,auto height adjustment, individual color channel to purge.
- Media positioning function to locate the media fast and right, for efficient production.
- High precision platform with user–friendly dividing ruler
- Double negative pressure system for colors and white respectively,to keep the fluency.
- Full function with White printing mode: base,cover,spot,fill, spot cover,spot base,3 layers printing,allow to print on any kind of transparent or dark media.
- Varnish usage to reach glossy effect, 3D visual&touch effect,also a protection to the printing surface.
- Color+White+Color or Color+White+Varnish printing simultaneously, for transparent media printing double side images.
- Environmental friendly LED UV ink

Application >>>

MOBILE PHONE COVER

SMALL SIGNS

INTERIOR DECORATIVE PICTURE

ART WORK

Technical Specification >>>

Print

Model	MORPHO 1212UV
Print Size	1300*1300mm
Print Head	4~8 Ricoh GH2220
High Speed	8sqm/h
Production	6sqm/h
Quality	4sqm/h
Resolution	Up to 1200dpi
Print Technology	Piezoelectric inkjet, Grayscale Technology
Ink Types	LED UV curable ink
Ink Configuration	Standard CMYK, Lc, Lm, White, Vanish(Optional)
Ink cartridge size	2.5 Liter
Image process	Aurelon , Caldera, Onyx Optional
Color management	ICC based color, adjustment curves, density adjustment
Operating System	Windows 10 64bits USB2.0/3.0 Hard Ware 500G+
File format	Tiff, Jpeg, Postscript, EP/ PDF, etc

Media

Media Thickness	0-10cm
Platform	One suction area
Media	Acrylic, wood, glass, ceramic, metal, PVC, industrial film, etc

Ink Supply

	Negative pressure system
	Ink level sensor to alarm

Curing System

	LED UV lamps

Dimensions

Printer	2990mm(L)*2080mm(W)*1320mm(H)
Package	3130mm(L)*2270mm(W)*1700mm(H)

Weight

Printer	500 KG
Package	700 KG

Operating Conditions

Temperature	20 to 30°C
Relative Humidity	30% - 70%, non-condensing

Electricity Request

Power	3300W 15A
Requirements	220 VAC, single-phase, 50Hz

Warranty

	One year limited warranty(Please contact your local dealer for details)

MORPHO 1212UV

1200 DPI VDS 1.3*1.3m