



MORPHO 2036UV Pro flatbed printer is the most reliable flatbed printing solutions after an accumulation of 15years+ technical research & development, with a extremely high precision platform structure, CMYK+Lc+Lm+White fulfill the application to the maximum, purpose for most variety of flatbed media application with best photo finishing.

## Description



Double linear guide and strengthened carriage beam to ensure the best movement, perfectly locates the prints either on hard or flexible material at difference limited within 0.02-0.05mm.



Anti-static devices equipped to eliminate bad influence from printing.



Print head auto height adjustment, individual color channel to purge.



Electronic control on 4 individual platform area, easy shift between suction & blower, easy load & unload the most variable kinds of media.



High precision platform with user-friendly dividing ruler.



IGUS chain to ensure the best movement.



Y-axis dual servo closed-loop transmission



Double negative pressure system for colors and white respectively, to keep the fluency.



White ink recycling system to keep white printing consistency and none of blockage.

## Features



- Grayscale printing technology with variable drop sizes minimum from 5 pl to 14pl, result in photographic finish
- Extremely wide application on Acrylic, wood, glass, ceramic, metal, leather, PVC, industrial film, etc
- Up to 16 kinds of white printing mode with base, cover, spot, etc
- Multiple layers printing
- CMYK+Lc+Lm+White print head by interface fulfill the application or the speed to the max at one printer
- Adopted from grayscale printing technology, ink saving up to 30-50% through jetting control of various ink drop size.
- Environmental friendly LED UV ink

## Application



POP



GLASS



WOOD



CERAMIC



LEATHER



WALL PAPER

## Technical Specification >>>

<b>Print</b>	
Model	MORPHO 2036UV Pro
Print Size	2050*3600mm
Print Head	3~6 industrial print head Kyocera
High Speed	60sqm/hr
Production	50sqm/hr
Quality	37sqm/hr
Super	25sqm/hr
Resolution	Up to 2400dpi
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 Software	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
<b>Media</b>	
Media Thickness	0-10cm
Platform	Divided into 4 independent suction area for various media size printing
Media	Acrylic, wood, glass, ceramic, metal, PVC, industrial film, etc
<b>Ink Supply</b>	
	Negative pressure system
	Ink level sensor to alarm
<b>Curing System</b>	
	LED UV lamps
<b>Dimensions</b>	
Printer	5172mm(L)*4170mm(W)*1478mm(H)
Package	4920mm(L)*2280mm(W)*2000mm(H)
<b>Weight</b>	
Printer	1750 KG
Package	2280 KG
<b>Operating Conditions</b>	
Temperature	20 to 30°C
Relative Humidity	30% - 70%, non-condensing
<b>Electricity Request</b>	
Power	6000W 28A
Requirements	220 VAC, single-phase, 50Hz
<b>Warranty</b>	
	One year limited warranty(Please contact your local dealer for details)

# Plamac

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## MORPHO 2036UV Pro

2400DPI VDS 2.0\*3.6m