

Technical Specification

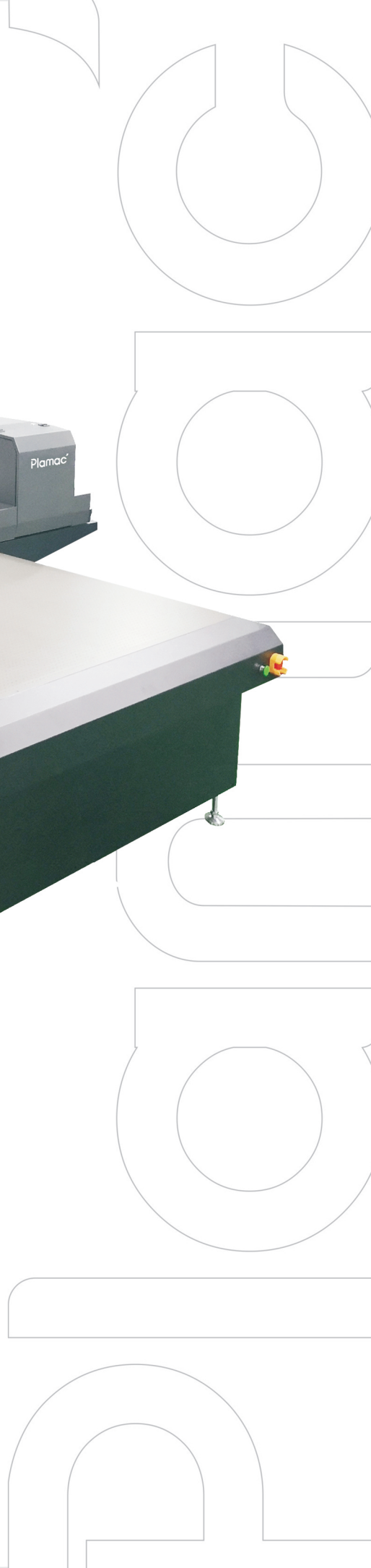
Plamac
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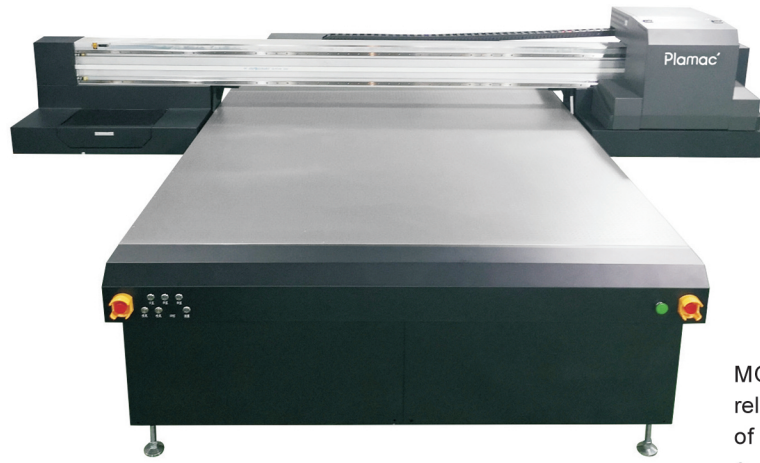
| Print | | | |
|------------------------|---|---------|---------|
| Model | MORPHO 2036UV | | |
| Print Size | 2050*3600mm | | |
| Print Head | 4~9 industrial print head | | |
| High Speed | 44sqm/h | 62sqm/h | 80sqm/h |
| Production | 30sqm/h | 46sqm/h | 56sqm/h |
| Quality | 22sqm/h | 30sqm/h | 40sqm/h |
| Super | 15sqm/h | 23sqm/h | 28sqm/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 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 | | |
| Media | | | |
| 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 | | |
| Ink Supply | | | |
| | Negative pressure system | | |
| | Ink level sensor to alarm | | |
| Curing System | | | |
| | LED UV lamps | | |
| Dimensions | | | |
| Printer | 5172mm(L)*4170mm(W)*1478mm(H) | | |
| Package | 4920mm(L)*2280mm(W)*2000mm(H) | | |
| Weight | | | |
| Printer | 1750 KG | | |
| Package | 2280 KG | | |
| Operating Conditions | | | |
| Temperature | 20 to 30°C | | |
| Relative Humidity | 30% - 70%, non-condensing | | |
| Electricity Request | | | |
| Power | 6000W 28A | | |
| Requirements | 220 VAC, single-phase, 50Hz | | |
| Warranty | | | |
| | One year limited warranty(Please contact your local dealer for details) | | |



MORPHO 2036UV

1200DPI VDS 2.0*3.6m





MORPHO 2036UV 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/Vanish 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.



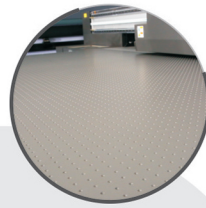
Anti-static devices equipped to eliminate bad influence from printing.



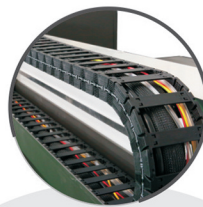
Print head auto capping system, auto height adjustment, individual color channel to purge.



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

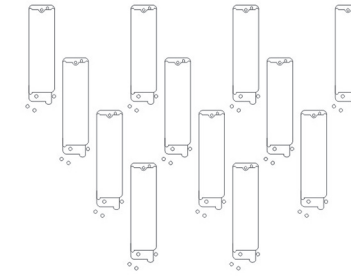


Double negative pressure system for colors and white respectively, to keep the fluency.



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

Features >>>



- Grayscale printing technology with variable drop sizes minimum from 7pl to 21pl, 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
- 3 kinds of special vanish application
- Three layers printing, can print color + white + color simultaneously
- CMYK+Lc+Lm+White/Vanish or 4 lines print head by interlace 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