



# DOCAN UV Flatbed Printer M6



THK mute guide rail



Crash sensor and anti-static device



Screw for Y axis



IGUS towline



Refillable ink cartridges

## Main Features

- High resolution and high-quality piezo electric printhead can achieve excellent production performance and vivid bright colors.
- Excluding the use of VOC (Volatile Organic Compounds) in the UV curable ink. The ink is environmental friendly and no smell.
- With advanced Automatic Height Detector which can detect the material thickness and find a good height position for best quality printing.
- Drawer-type UV lamp cassette makes it easy to replace the UV lamp.
- Equipped with Japanese THK mute guide rail, and Metal raster optional.
- Carriage is with a crash sensor with high sensitivity to ensure that the printhead will not be accidentally damaged.
- The white ink cartridge is with the automatic stirring and circulation system, which avoids the clog of the White printhead.
- Easy operation menu. User-friendly.

## GERMÁN VARELA

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## Specifications

### General Information

Model	Docan M6
Catagory	UV Flatbed Printer
Print size	2.5x1.22m

### Printing

Print Technology	Drop-on-demand piezo electric inkjet	
Print head	KM-512MH-14PI/ KM1024MHB-14PI/ Ricoh Gen5 7PI	
Printhead Control	Printhead temperature and voltage are adjustable in software	
Ink Type	UV curable Ink	
Ink Reservoir	Refillable on the fly while printing/ 2000ml	
RIP Software	Photo print/ ONXY/ Caldera	
Color Management	ICC based color, curves adjustment, density adjustment	
File Format	Tiff, Jpeg, Postscript, EPS, PDF	
Media Thickness	1-100mm	
Printhead QTY	KM-512MH-14PI ◦ KM-1024MHB-14PI ◦ Ricoh Gen5 7PI 4-8 pcs ◦ 4-16pcs ◦ 4pcs/7pcs	
Resolution	KM-512MH-14PI/ KM1024MHB-14PI 720x720 dpi 720x1080 dpi 720x1440 dpi	Ricoh Gen5 7PI 600x600 dpi 600x600 dpi
Printing Speed	KM-1024MHB-14PI 4 pass 28 sqm per hour 6 pass 19 sqm per hour 8 pass 15 sqm per hour	Ricoh Gen5 7PI 4 pass 40 sqm per hour 6 pass 28 sqm per hour
Print colors	4 Colors(CMYK), 6 colors(CMYK Lc Lm), White/ Vanish optional	
Drying system	UV lamp with three power levels	

### Medias

Rigital media: Glass, ceramic tile, ceiling, aluminum sheets, wooden sheets, billboards, acryl sheets, KD board, Plexiglas, foam board

Flexible media: wall paper, glistening film, canvas, carpet, leather, paper sheets, etc.

Outdoor Life of finished printing: 3 years(Use Docan Ink)

Dimension and Weight: 4.65x2.2x1.58m ◦ Power supply: 50/60Hz 220V(10%)>30A

Operation temperature: 20°C to 28°C ◦ Humidity: 40% to 60%

Warranty: one year ◦ 1580Kg

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