

## BLUEPRINT UV V2



**RICOH**

**Panasonic**

**ONK**

**igus**

### Superior performance:

Blueprint V2 UV printer, using Ricoh Gen5 printheads, popular in the market. Ricoh Gen5 heads have gone through the baptism of the market and printing experience, after many printing tests from the Chinese printing factories and Ricoh head's own improvement, this head is becoming more and more adaptive to the UV printing market.

1. High Resolution: Ricoh Gen5 printheads, 7PL
2. High Speed: can print 15 square metres/h in 6 pass with 2 heads
3. One head two colors: Two colors in one head: one head can print two colors
3. Life time: the head can be used for 5-10 years according to the market testing
4. Stability: machine has been very mature and stable after 4 generations' updating

### Powerful features:

#### 1) Stable:

1. Using rubber roller and pinch rollers for feeding
2. Adopt imported parts, like imported mute guide rail, Panasonic motor, ONK belt, Igus chain
3. High precision of steel beam to ensure the carriage to run with high resolution
4. Powerful sucking system on the platform to make the step more stable
5. LED, dry immediately, No deformation, no crack, long working life
6. Japanese SMC air circuit system, to make the ink supply more stable
7. Negative pressure ensures smooth printing in different environments
8. Neutral UV ink can be cured on all kinds of materials, strong adhesion

2)Intelligent:

Automatic ink supply,Automatic mixing for white ink, automatic alarm when lack of ink

3)Multifunctional:

Can print many flexible materials, and very soft materials,like soft film and so on

4)Environmental:

Ink is environmental,doesn't contain VOC (volatile organic compound)

5)Wide application:

Can print flex banner,vinyl,wallpaper,backlit canvas ,soft film and so on

Specification:		
Color		CMYK or CMYK Lc Lm W Varnish
Printhead		Four Ricoh Gen5 Heads
Print mode and speed	Draft 4Pass	40m <sup>2</sup> /h
	Standard 6Pass	30m <sup>2</sup> /h
	High Quality 8Pass	20m <sup>2</sup> /h
Printing Media		Soft roll to roll
Printing Width		Maximum 3.2 M
Image Data Format		Tiff,JPEG,EPS
Ink Type		Environmental protection UV ink
Ink volume		1L volume ink,automatic Ink detector and ink supply system
Power Supply		AC 220V
RIP Software		Photoprint Plus Professional
Dimension(L xW xH)		5650X1200X1650 ( MM )
Packing(L xW xH)		5750X1300X1750 ( MM )
NW&GW		1200KGS &1300KGS
Work environment	Operation Temperature	15-30°C(59-86°F)
	Operation Humidity	40-80% RH (non - refrigerated)
	Operation noise	≤80dB
Power		7.5KW