HB18UV

GONGZHENG

Mesh Belt 1.8m Hybrid UV Printer

Compacted Body & Excellent Performance



GREENGUARD GOLD

GZ Green Technology

Multi-Layer Printing



Glossy& Matt Varnish Performance



Hybrid for flexible printing



Car wrap



Window graphic



Backlit Shelter


Decoration Film

- Multi-layer printing
- White ink recirculation
- 3-Zone controllable vacuum table
- Anti-collision unit

HB18UV

ITEM	SPECIFICATION
Model	HB18UV
Print Head	3~4 x Epson I3200 U1 Print Heads
Curing System	Dual Water Cooling LED UV Curing System
Ink	Gongzheng Specific UV Ink: REI-3 Certified by Greenguard Gold
Color Config.	4xKMCY; 3xKCMY+1xW; W+KCMY+V
Ink Supply System	1.5-Liter Bulk Ink Supply System + White Ink Recirculation & Stirring System
Printing Width	Max. 1850mm
Media Thinkness	Up to 10mm
Media Type	Ceiling Film, Vinyl, Backlit, Fabric, Wall Paper, Leather.....
Roll Specification	Diameter: Max. 300mm; Weight: 30kgs; Core Diameter: 3 inch

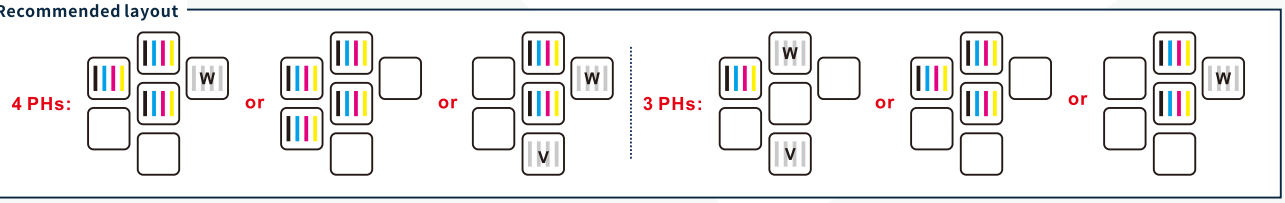
Printing Speed

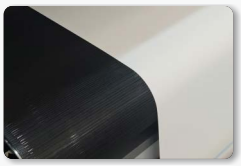
Mode	Resolution	Color(4H)	CWC	CWV
Draft	720X1200 dpi	46㎡/h	11.8㎡/h	11.8㎡/h
Production	720X1200 dpi	37.6㎡/h	9.7㎡/h	9.7㎡/h
High-Res	720X1800 dpi	27.6㎡/h	7.1㎡/h	7.1㎡/h
Photo	720X1800 dpi	21.7㎡/h	5.4㎡/h	5.4㎡/h

Data Interface	External: USB3.0; Internal: Fiber Optical
Working Environment	Temp. 23°C~29°C, Humidity: 50%~80%
Software	FlexiPRINT TX25 / ONYX Ripcenter (Optional) + GZ Printer Manager
Power	Single-Phase, 50Hz/AC, 220V±10%, 10.2A (Printer) + 6.2A (UV Controller)
Packed / Installed Size	LxWxH(mm): 4500×1150×990 / 3399×995×1612
G.W. / N.W.	750kgs / 536kgs

Specifications are liable to change without prior notice. The printing speeds are measured in 1.8 m width printing.

Recommended layout





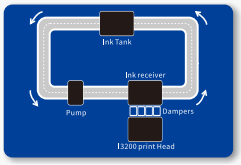
Design for flexible material

Mesh belt type suits a wider range of materials, especially for those materials with tension. It ensures precise guide and good printing performance.



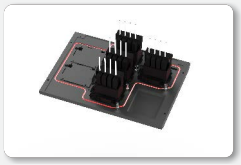
Multi-Layer Printing Application

Particularly designed for multi-layer applications: colorful; 2layers:W+C/C+W; 3layers:CWC; 4layers:CKWC-Day and Night; 5layers:CWKWC on demand with fine details.



White Ink Recirculation System

The white ink is circulated at regular intervals during idle time to prevent pigment sedimentation that leads to malfunctions of the print head.



Print Head Heating System

Unique built-in heater for print head ensures smooth ink flow and superior print quality.

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