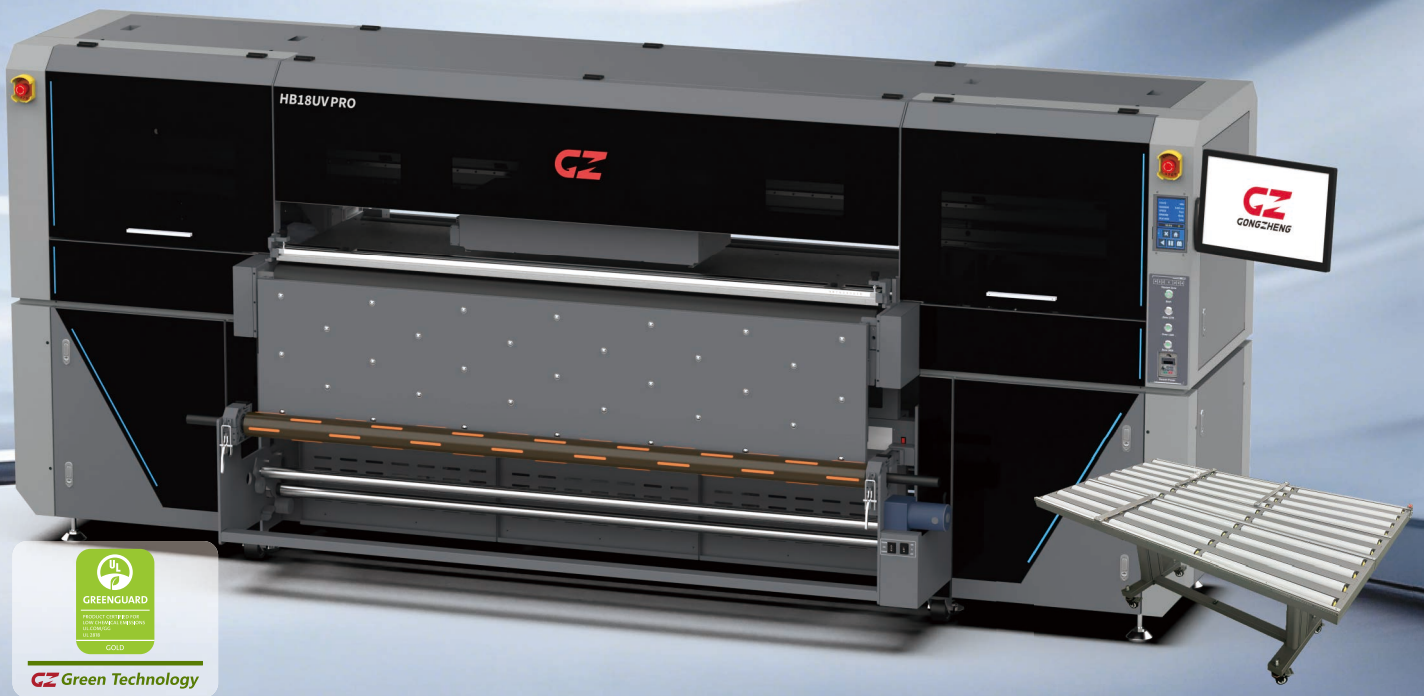
HB18UV PRO

GONGZHENG

Mesh Belt 1.8m Hybrid UV Printer

Classical Heavy Duty Body & Excellent Performance



GREENGUARD GOLD

GZ Green Technology

Front & Rear extension table (optional)

Multi-Layer Printing



Glossy& Matt Varnish Performance



Hybrid for flexible& rigid substrates printing









Multi-Layer Printing

White Ink Recirculation

3-Zone controllable vacuum table

Magnetic Linear Motor & Encode System

HB18UV PRO

ITEM	SPECIFICATION
Model	HB18UV PRO
Print Head	3~8 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.	KCMY; KCMY+W; 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 40mm
Media Type	Flexible Media: Ceiling Film, Vinyl, Backlit, Fabric, Wall Paper, Leather..... Rigid Media: PVC Board, Foam Board, Corrugated Paper, Aluminum Sheet, Wood.....
Roll Specification	Diameter: Max. 300mm; Weight: 50kgs; Core Diameter: 3 inch

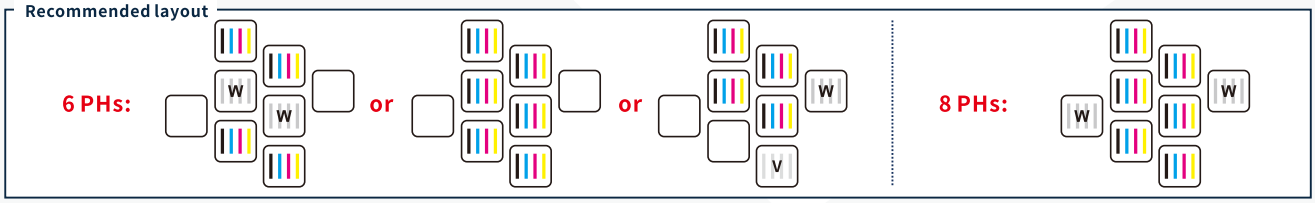
Printing Speed

Mode	Resolution	Color(6H)	CWC(6H)	CWV
Draft	726X1200 dpi	56.5㎡/h	19.2㎡/h	9.8㎡/h
Production	726X1200 dpi	42.4㎡/h	15.6㎡/h	7.9㎡/h
High-Res	726X1800 dpi	33㎡/h	11.4㎡/h	6.8㎡/h
Photo	726X1800 dpi	25.3㎡/h	9㎡/h	5.1㎡/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%, 15A (Printer)
Packed / Installed Size	LxWxH(mm): 3900x1150x1830 / 3739x1535x1590
G.W. / N.W.	1290kgs / 1076kgs

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

Recommended layout





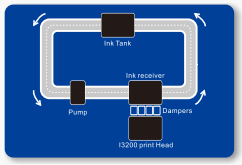
Design for rigid material

Mesh-belt system with built-in extension tables, paired with pressure and positioning bars to deliver excellent printing performance for rigid materials.



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.



Glossy& Matt Varnish Application

Max 8 heads for free-choice head layout (Different location for varnish) can reach gloosy or matt performance.

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