

GONGZHENG · H SERIES

H3220GN

FLATBED

Not just big. Fast and precise.

A high-speed UV flatbed solution, 3200×2050 mm — up to 6 rows of Ricoh Gen6 heads, water-cooled LED UV lamps and vacuum bed for rigid media up to 100 mm thick.



- Up to 6 rows of heads
- Water-cooled LED UV
- Auto media detector
- GREENGUARD Gold certified

SPECIFICATIONS

Model	H3220GN	
Print head	4–18 × Ricoh Gen6	
Technology	Drop-on-Demand Piezo, Variable Dot	
Curing system	2 × water-cooled LED UV lamps	
Ink	RKA-3 UV, GREENGUARD Gold certified	
Colour config.	KCMY · +W (white) · +V (varnish) · +LcLm — flexible	
Ink supply	GnTek negative pressure + white recirculation/stirring	
Ink tank	2500 ml	
Media thickness	max. 100 mm	
Printing size	max. 3200×2050 mm	
Print speed (4× / 6× KCMY)		
Mode	4×KCMY	6×KCMY
Draft	84 m ² /h	119 m ² /h
Production	64 m ² /h	93 m ² /h
Hi-resolution	54 m ² /h	79 m ² /h
Photo	40 m ² /h	59 m ² /h
Media type	Acrylic, aluminium, foam board, PVC, leather, glass, wood, ceramic tile...	
Data interface	External: USB 3.0; internal: fibre optic	
Environment	Temp. 20–30 °C · humidity 35–65%	
Software	PhotoPRINT 22 UV / Onyx Ripcenter + GZ Control Console	
Power	Single phase AC 220 V ±10%, 50 Hz, 9 A (printer) + vacuum system 20 A	
Dimensions (LxWxH)	Installed 5648×3246×1580 mm · packed 5850×2320×1880 mm	
Net / gross weight	2302 kg / 2936 kg	

Specifications are liable to change without prior notice. Monitor not included.

KEY FEATURES

- Up to 6 rows of heads**
A 4-to-18 Ricoh Gen6 head configuration for productivity, with white, varnish and light-colour (LcLm) options.
- Water-cooled LED UV lamps**
Two water-cooled LED UV lamps — instant curing, stable temperature and low power consumption.
- Six-zone vacuum bed + pins**
A six-zone vacuum platen with media alignment pins for precise positioning of rigid materials.
- Linear motor & dual guides**
A linear motor with metal encoder and dual linear guides for accuracy and repeatability.
- Auto media detector**
Automatically detects media up to 100 mm thick and protects the heads (anti-collision).
- Dual ball-screw gantry**
The gantry is driven by 2 independent ball screws with dual 1000 W AC motors.



PRINTHEADS

Ricoh Gen6 heads

From 4 to 18 Ricoh Gen6 heads with variable-sized droplet and white recirculation/stirring deliver high resolution, opaque white and high throughput on rigid media.

READY TO INSTALL

Not just big. *Installed and supported locally.*

Installation, commissioning, consumables and service — provided in the Republic of Moldova by the exclusive distributor.

3200×2050

printing area (mm)

119 m²/h

top speed

100 mm

media thickness

*Rear view*

MANUFACTURER

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