FR3220-UV

Multifunctional UV Flatbed Printer (Ball Screw Platform Version)

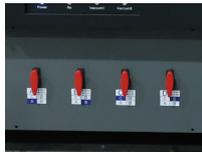| Model		FR3200-UV
Printhead Type		Ricoh Gen6(Gen5 Optional)
Head Control		Variable Ink Droplet
Head Arrangement		Two Line Print Heads 3X2(6pcs)
Head Number		4~20pcs Optional
Head Cleaning		Manual Positive and Negative Pressure Cleaning Device
Printing Size (W*D)		3200*2000mm
Printing Technology		Gray scale piezoelectric inkjet technology
Printing Resolution		720*600dpi,720*900dpi,720*1200dpi,720*1800dpi etc
Ink	Type	LED UV Ink
	Color	CMYK / Lc / Lm / W / V
	Capacity	1L
Media	Type	Mantle, Car Stick, Flex etc.
	Thinckness	1-100mm
Printing Speed	Production Mode	4pass 29sqm/h(G6) 63sqm/h(G5)
	Quality Mode	6pass18sqm/h(G6) 50sqm/h(G5)
	High Quality Mode	8pass14.5sqm/h(G6) 35sqm/h(G5)
Color Control		ICC standard,ajudtment of ICC and density
RIP		ONYX
Interface		USB 3.0
Power Consumption		5KW
Package Dimension		5434(W)x2814(D)x1465(H)mm
Weight		G.W.:4500kg N.W.:2000kg
Environment		Temperature:18℃-29℃ Humidity: 50%-80%

FEATURES

Equipped with advanced Panasonic dual servo motors on the Y-axis, the system ensures stable, high-precision performance even at high speeds. The innovative ball-roller platform is designed for large sheets, making material handling fast and effortless.

The latest dovetail structure makes material loading and unloading more convenient. The new high-stability imported metal grating combined with a maglev linear motor offers greater durability and significantly enhances printing stability, ensuring consistent high-quality output.

360° printhead collision protection to prevent damage. Independent platform suction with four zones, each controlled by its own knob for greater flexibility in zone selection.
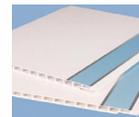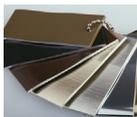
Precision. Stability. Creativity.

Powered by THK silent rails, linear motor, and servo modules, this system delivers ultra-precise output and smooth operation. The innovative ball-roller platform makes large-format handling effortless, while ICC-standard color management ensures flawless gradients. With embossed printing effects that add depth and texture, your signage stands out with unmatched brilliance

Ricoh G6 – Faster, Sharper, More Precise

Upgraded from the Ricoh G5, the Ricoh G6 delivers higher productivity and faster printing. Its next-generation variable droplet technology with 5pL precision ensures perfect, dot-free images with ultra-realistic, delicate details—even at high speed or low resolution.

Hard materials: glass, metal, tile, acrylic, plexiglass, wood, plastic, aluminum, cardboard, foam board, composite board, plywood, PVC, MDF, WPC, ABS, PP board, etc.
Flexible materials: fabric, canvas, leather, vinyl, paper, etc.
The use of fluorescent colors not only enhances the visual effect, but also makes these applications more creative and personalized.