FB1810UV

10-color multifunctional UV flatbed printer

Model		FB1810 UV
Printhead Type		G6×9 (Epson I3200-U1×8)
Head Control		Variable Ink Droplet
Head Number		3-9 pcs Optional
Head Cleaning		Manual Positive and Negative Pressure Cleaning
Printing Size (W*D)		Maximum printing area: 1800mm x 1000mm
Printing Technology		Gray scale piezoelectric inkjet technology
Printing Resolution		600DPI, 900DPI, 1200DPI, etc.
Ink	Type	LED UV Ink
	Color	CMYK / Lc / Lm / FY / FM / FG / FO / W / V
	Capacity	2.5L
Media	Type	Mantle, Car Stick, Flex etc.
	Thickness	0-80mm
Printing Speed	Production Mode	
	Quality Mode	
	High Quality Mode	
Color Control		ICC standard,ajudtment of ICC and density
RIP Software		Photoprint (ONYX optional)
Interface		USB 3.0
Power Consumption		Maximum power: 5KW, AC220V, 50HZ~60HZ
Package Dimension		3890(W) x 1870(D) x 1600(H)mm
Weight		G.W.: kg N.W.:1300kg
Environment		Temperature:18℃-29℃ Humidity: 50%-80% (no condensation)

*Above info is subject to change without prior notice.Detail info pls consult FORNI sales team

FEATURES

Dovetail Structure
More convenient and efficient material loading and unloading

Linear Motor+ metal encoder strip
classic combination, stable and reliable

Dual Y Servo
High-precision dual Y synchronous servo control, providing more accurate feeding

Low ink volume alarming system
Remind user to add ink timely

Collision Protection
Comprehensive printhead collision protection, effectively avoiding printhead damage
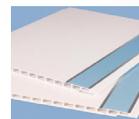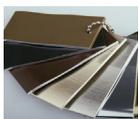
Four Air Zones
Different air zones for different materials, with independent air zone control

Technical Characteristics

✓ 10-color scheme provides high-quality printing effects;

✓ High-precision linear motor on the X-axis, 1um metal encoder strip, THK linear guide rail, providing precision and longevity for carriage operation;

✓ With high-precision dual-Y synchronous servo, providing better feeding precision;

✓ Industrial-grade heavy-duty frame, enhancing machine stability and long-term use;

✓ Epson printhead base heating function, providing a stable printhead working environment;

✓ Self-developed ink supply system and micro-pressure control system, ensuring the stability and protection of the printing ink path;

✓ Automatic carriage lift function, suitable for thicker material printing needs;

As an upgraded version of G5, The G6 has higher productivity and faster printing speed. It adopts the next-generation variable droplet technology, capable of three-level droplet variation, providing 5PL droplet size. This allows for high-speed or resolution printing while also achieving perfect print quality and dotless printing effects, bringing more realistic and detailed images.

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.

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