



**DPI International**  
Printing Innovations

# **F-1810**

**DESIGNED TO MAKE  
A DIFFERENCE**

**Smart Size UV Flatbed Printer**



Acrylic Printing



MDF Printing



Glass Printing

**Layers Printing**



# Technical Specifications

Model	F-1810
Printhead Tech.	Drop on demand micro piezo-electric digital inkjet Printer
Head Type	Epson i3200 / Ricoh Gen5i / Ricoh Gen5 (optional)
Head Quantity	2-3 pcs (optional)
Media Thickness	0-85mm
Print Size	1800*1000mm
Ink Color	CMYK+CMYK/CMYK+W/CMYK+W+V/CMYKCMYK+W
RIP Software	PhotoPrint
Printer Software	Printer Express
Printer Speed	Sketch Mode 720*600dpi-9*sqm/h Production Mode 720*900dpi-8*sqm/h High Quality Mode 720*1200dpi-6.5*sqm/h
Ink Supply Mode	Constant Pressure (Negative Pressure System)
Media Type	Wood panel, Aluminium panel, Glass, Ceramics, Acrylic, PVC, MDF etc.
Maximum Weight of Material	Panel : ≤ 45 kg/m2
Data Interface	Hi-Speed USB 2.0
Curing Mode	UV-LED Cold Light Source (with water chiller)
Image Format	TIFF/JPEG/AI/PDF/PSD etc
Computer System	Windows 10- 64 Bit/ Windows 11- 64 Bit
Maximum Power	>30A; 5KW
Machine Dimension	2610mmx2380mmx1500mm
Package Dimension	2860mm X2460mm x1680mm
Environment Requires	Dust-free environment with no direct sunlight and good ventilation. The Optimal temperature is 18-22°C and the relative humidity is 30-70%



PVC Printing



Aluminium Printing



Glass Printing



Wood Printing

\* Specifications are subjected to change without prior notice. This catalogue is not subjected to any legal proceedings. \* Under test conditions. \* Actual Images may vary.

## Key Features

- New, Large and Unique Dimensions makes it exclusive, economical and performing
- Latest, Unique and Bigger Bed Print area for better print quality and productivity
- Highly demanded product of the time
- The most favourite of small & medium businesses
- The most Stable Negative Pressure Ink supply system
- Automated Ink Circulation System stops ink pigments from settling in the ink lines for even consistency.



Anti crash



E-chain



Industrial lead screw



Ink valve



Industrial carriage



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