

XENONS UV Industrial Flatbed F2030

F2030

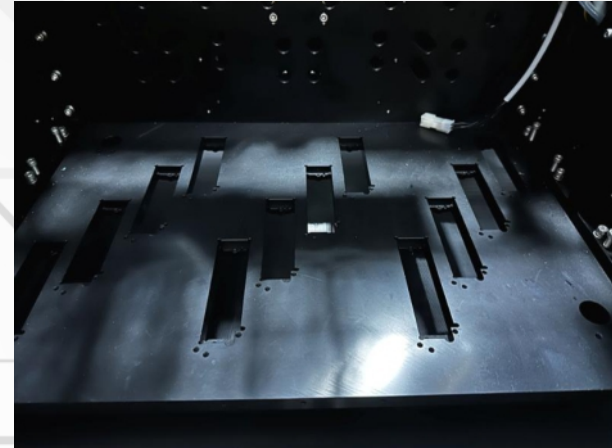


Standard Printer Configuration

- Wall Plate and Support Plate



- Head Plate for 4 Staggered Lines

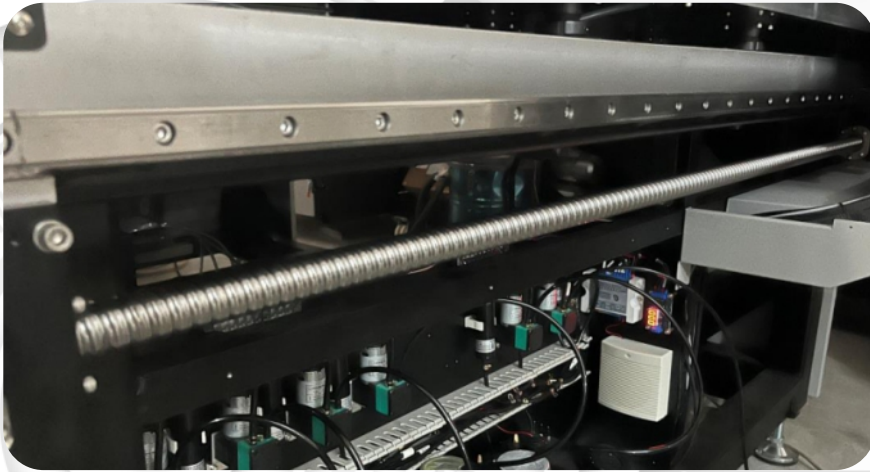


- Panasonic Pressure Negative Watch

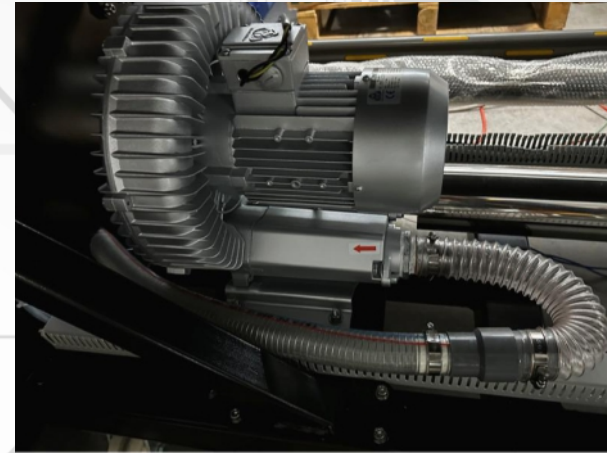


Standard Printer Configuration

- Double Leading Screws



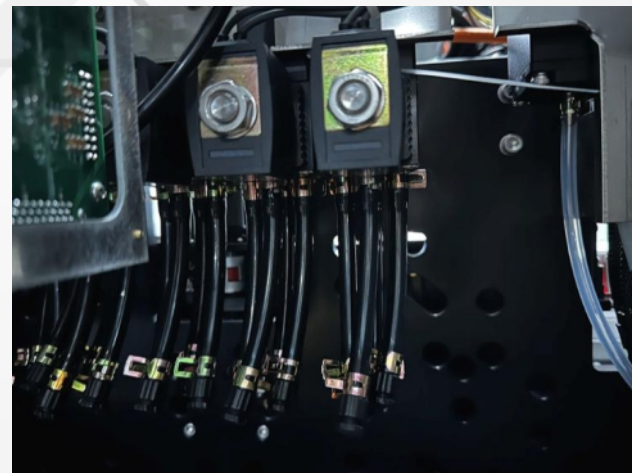
- Vacuum 2.2kW (other Brand 1.5kW)



- Maglev Linear Motor and Metal Encoder

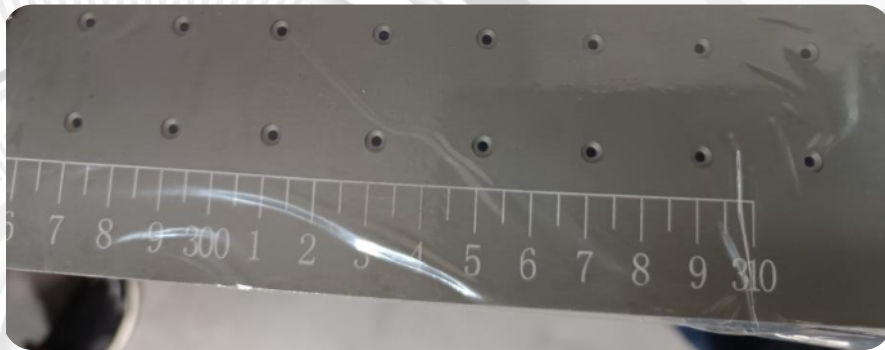


- Electrical Valve

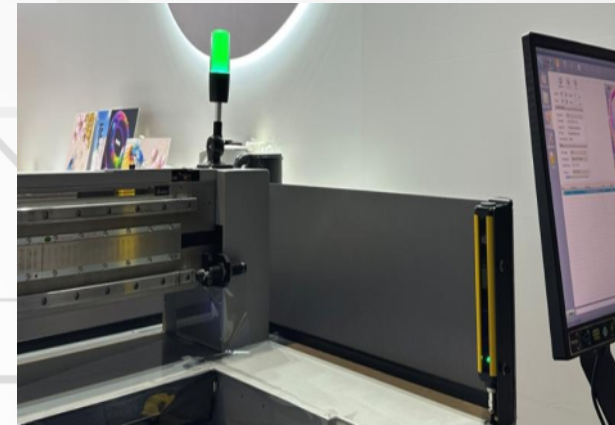


Optional Printer Configuration

- Possibility to expand the print area to 2.15 m x 3.15 m



- Alarming Light

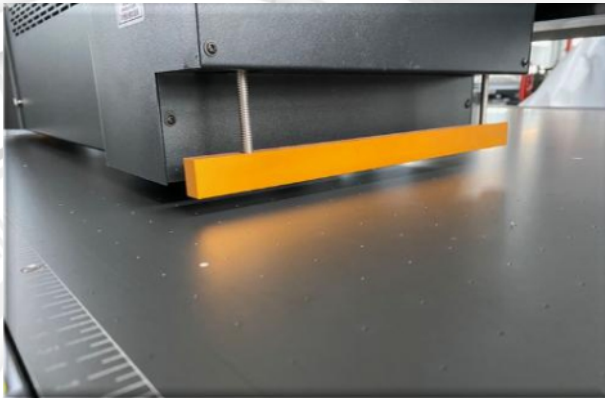


- Joystick - Controller



Core Configuration and Function of Printer

● Carriage Anti-crash System



Both sides of carriage are equipped with anti-collision devices, which can effectively protect the nozzles from damage and protect the safety of operators. When the anti-collision is triggered, the customer can still continue the printing as to not waste materials.

● Double THK Linear Rails



Using Japanese THK2.0 double linear mute guide rails, high-speed operation with high stability and low noise, to ensure that the printer can achieve high-precision output under high-speed printing.

Core Configuration and Function of Printer

● Vacuum System



2.2KW high-power blower adsorption method, evenly divided 6-section partition controllable, the wind force can be adjusted arbitrarily, and adsorption of various thicknesses is working well.

● Automatic Ink Lock Valve



Corrosion-resistant, high-air tightness one-piece cartridge electric valve, preventing dripping function. With automatic control, no need to manually operate the switch valve. Improve automation degree while solving the ink leakage problem of manual valves.

Core Configuration and Function of Printer

● Ink Cartridge Constant Temperature System



The intelligent chip controls the heating of the independent ink cartridges. The temperature of the ink cartridges is more precisely controlled to ensure the smoothness of the printing ink especially to the different viscosity of each ink.

● Automatic Height Measuring System



Customers can change the material at will, and the thickness of the material can be measured automatically and quickly. Then print directly. The standard configuration can print up to 10 cm thickness.

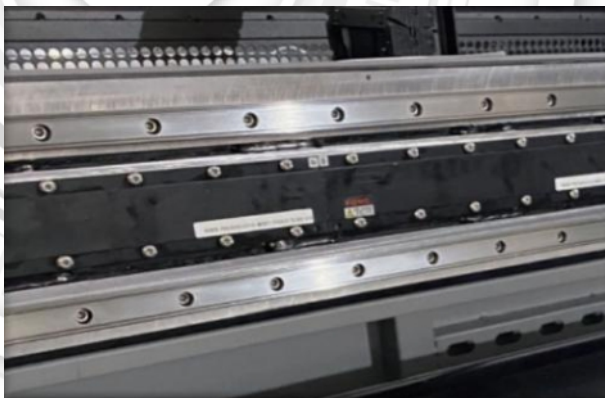
Core Configuration and Function of Printer

● Intelligent Ink Supply System



The design of large ink tank reduces frequent refilling of ink by customers; it is equipped with a voice ink shortage alarm function to remind customers to add ink at any time; the automatic white ink circulation function prevents the precipitation of white ink..

● Magnetic Levitation - Maglev



With optional linear motor and metal encoder, the printing speed can reach 1.8m/s, and the accuracy can be as high as 1 micron. Guarantee the accuracy and color of the picture.

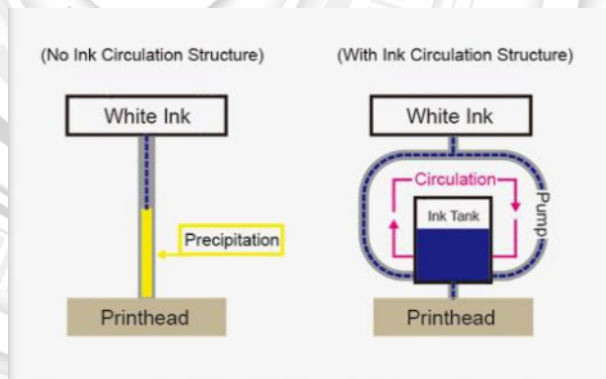
Core Configuration and Function of Printer

● Electronic Control System



Weak current controls strong current, separate layout of strong current and weak point, separate layout of ink circuit and circuit, the whole machine adopts high-flexible cable, the circuit and ink circuit of the whole machine are designed in line with the CE standard of European certification, and a protective cover is added to each group of pipelines, prolong the service life and reduce the failure rate.

● White Ink Circulation System



Realize the intermittent stirring of the main ink tank and pipeline circulation of the white ink, to ensure that the white ink keeps flowing at all times and avoid the failure of the ink circuit.

As long as the device is connected with power, it will also implement this function when printer not turn on.

Technical Information

Item		Model—F2030G
Printhead		Ricoh Gen 5 (7PL) Grey Scale Micro Piezo Printhead
Printhead No.		2-8H
Print Size		2000mm*3000mm
Print Thickness		Max. 100mm
Ink Type		Environment-friendly UV Curing Ink
Ink Bottle		2.5Liters/Color
Ink Color		Standard: C M Y K LC LM W, Varnish is optional
Ink Supply System		Automatic Negative Pressure Ink Supply System
Ink Monitoring System		Automatic Ink Lack Alarm System
Rip Software		Standard: PhotoPrint. Print Factory and Onyx are optional.
Media Type		Acrylic, Aluminum Board, Ceramic Tile, Glass, Wood Board, PC, TPU, Leather, PVC Board, etc.
Media Adsorption System		6 Vacuum Zones, Available for Different Types of Media
Lifting Function		Carriage Height Automatic Adjustment, Intelligent Detection of Material Thickness
Print File Format		TIFF, JPEG, PDF, EPS, PNG, AI, BMP, etc.
Printer Dimension		4078mm*3696mm*160mm(Length*Width*Height)
Packing		4800mm*2270mm*1910mm(Length*Width*Height)
Weight		1550kg/2200kg
Power/Power Rating		220V 50HZ/60HZ/8KW
Computer Configuration		Computer System: Win10, 64 bit: Port USB 2.0/3.0 Hard Disc: More than 500G
		GPU Memory: 8G CPU: Intel i5
Working Environment		Independent, Clean, Low Dust, Less Sunshine, Well Ventilated Workshop,
		Temperature: 15℃-28℃, Humidity: 40%-70%
Ventilation Device		Ventilation Fan is Necessary. Air Exhaust Volume: 600 CFM
Print Speed (8H-All Color)	High Speed Mode	45m ² /h
	Production Mode	30m ² /h
	High Quality Mode	23m ² /h