



MTuTech Mini 360 Rotary UV Printer

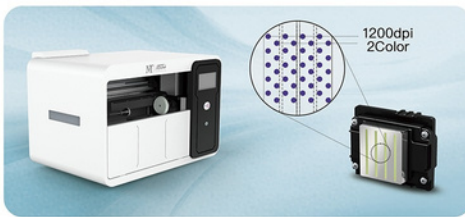
The Ultimate Desktop Printing Powerhouse for Customised Water Bottles

MT - Cylinder EIF (Mini)

Product Specifications

Printer Model	MT-Cylinder EIF(Mini)
Printhead	Epson I3200-U1HD*1
Print Speed	30s – 3min / pcs
Ink Type	Environmentally-friendly UV curing ink
The Number of Nozzle	3200pcs
Distance between nozzles	1/300 inch
Number of Nozzles Rows	8
Maximum Ink Color	8
Ejection Performance	2 levels of grayscale 5pl (43.2kHz)
(drop volume and ejection frequency)	3 levels of grayscale 6.0–12.5pl (21.6kHz)
	4 levels of grayscale 3.8–9.3pl (21.6kHz)
Colors	CMYK+W+V
Print Length	80–280mm
Print Diameter	Φ45–100mm
High Droplet Printing	2– 8mm
Taper Printing Range	<5°
Print Resolution	720*900dpi / 720*1200dpi
RIP Software	RIIN
Graphic Format	Tiff, Jpg.
Connection Method	Gigabit Ethernet Cable
Power	850W
Voltage	AC220V 50HZ / 60HZ
Printing Environment	Temperature : 25°C–28°C ; Humidity : 35%– 65%.
Taper Electric Adjustment Function	Yes
Anti-collision function	Intelligent anti-collision with laser radiation
UV Curing Method	Water-cooled UV Lamp
Tank	Built-in machine
Printer Dimension(L*W*H)	900mm*657mm*617mm
Packing Dimension(L*W*H)	1025mm*780mm*775mm
Chiller Weight	13KG
Gross Weight	125KG
Net Weight	100KG

Product Advantages



Unmatched Precision, Vivid Colors.

- By combining the Epson 13200-U1 HD print head with a 4-color + white + varnish ink system, it achieves a maximum resolution of 1200 dpi for stunningly vibrant results and flawlessly smooth color transitions.



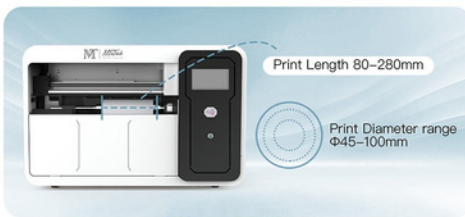
Fast and precise mass printing for special-shaped parts.

- It supports 2-8mm high-drop printing, and utilize laser scanning for automatic shape recognition and positioning. With a maximum cycle time of 30 seconds per unit, it streamlines mass production while effortlessly overcoming the challenges of specialized part printing.



Tilt Printing for Complex Shapes

- Supporting 360-degree rotating printing with a flexible tilt angle, it seamlessly bridges height differences. This makes it highly capable of easily handling the printing of complex special-shaped parts.



Large-size printing creates more possibilities.

- Capable of handling water bottles with a length of 80-280mm and a diameter of 45-100mm, it is compatible with large-diameter tumblers, thermos, kettles, and cylindrical/conical special-shaped parts. This allows for more flexible and vibrant customized color printing.



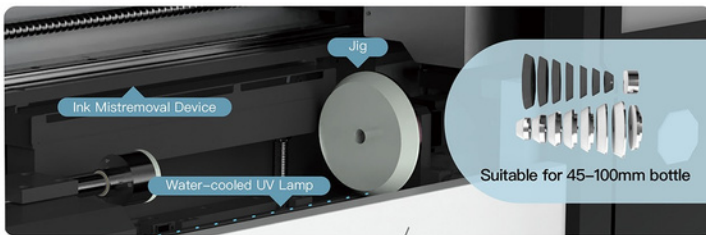
Lightweight Design and Easy Maintenance

- This system combines a compact, space-saving body with a high-definition LCD touchscreen for responsive control. Its user-friendly design is evident in every detail, resulting in an efficient and convenient printing experience.



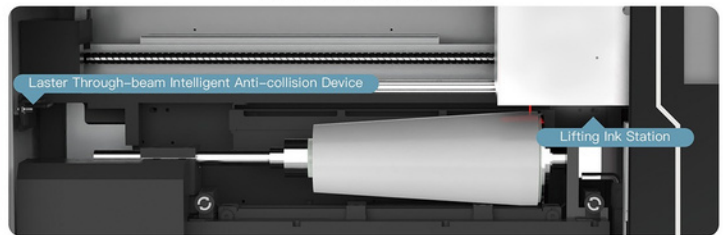
Unlock Security with NFC-Activated Ink Encryption

- This contactless system enables secure activation and decrypts anti-counterfeiting information to prevent tampering. By hardware-locking the printer to authorized ink, it prevents misuse and guarantees system integrity and unwavering print quality.



Engineered for efficiency and precision

- This system is equipped with multi-specification jigs for compatibility across various diameters. It integrates a water-cooled flow lamp for instant drying and an ink mist removal device to purify the air. This fully optimized workflow guarantees superior printing quality and maximum throughput.



Intelligent Print Head Protection for Enhanced Durability

- Our system ensures long-lasting performance through dual protection: an automatic lifting ink station for precise nozzle capping to prevent clogging, and a through-beam laser anti-collision sensor. These features work in tandem to effectively guard against damage and maintain equipment integrity.

Applications

