

## Specification

Product Model	LC-DF360HD
Printhead	EPSON I3200-U1HD
Print Length	80mm-240mm
Print Diameter	30mm-120mm
Print Resolution	600dpi
Ink Type	CMYK+W+V
Print Method	Spiral printing or progressive printing
Machine Size	860mm*553mm*575mm
Printing Accuracy	600x900/600x1200/600x1800
Voltage	800W
weight	110KG
Working Environment	Temperature 20°C-30°C, Humidity 30%-60%
Object Shape	Cylinder, Cone
Stabilized System	LED UV lamp
Media Type	Bottles, cans, tumblers, cones, cups, etc

Specification do as present one, if there is a change without notice



locor



UV Series—single Printhead

# LC-DF360HD Cylindrical Printer

Print Length: 80mm-240mm    Print Diameter: 30mm-120mm

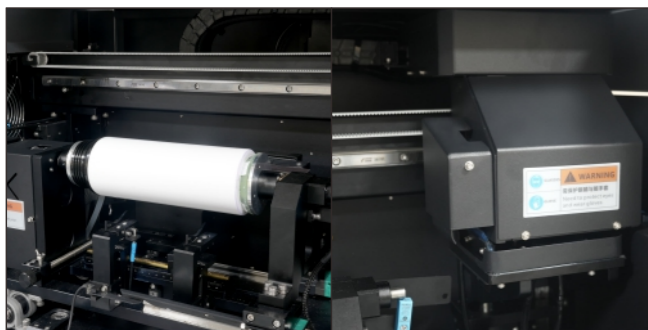
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ZHENGZHOU YUCAI ELECTRONICS TECHNOLOGY CO.,LTD

## Higher precision at mechanical design



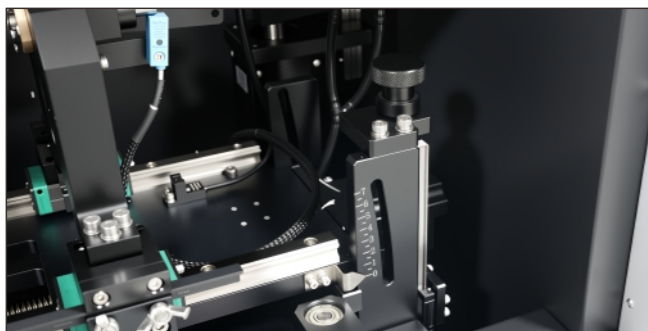
### Cylindrical Printer

Customizable fixtures support a printing height of 8-30cm and a hole diameter of 5-15cm, compatible with a wide range of materials and sizes. Equipped with the Epson i3200-U1HD single print head, it delivers 360° seamless high-definition precision printing. This makes it an ideal low-barrier, easy-to-use tool for starting a business in the field of personalized customization.



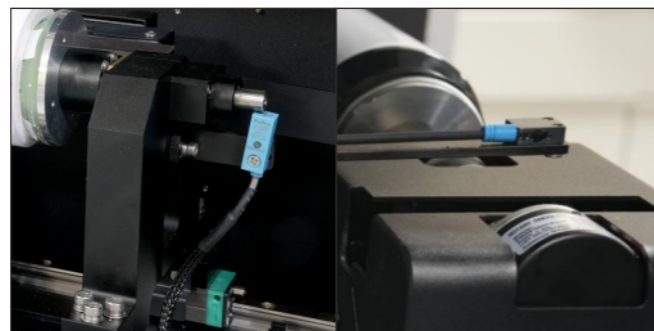
### Industrial all-in-one computer

Equipped with an industrial all-in-one computer integrating display, operation, and control, the system features a high-stability touch screen HMI for easy operation. Pre-installed software is ready to use upon shipment, eliminating the need for an extra computer, reducing installation costs, and lowering operator skill requirements.



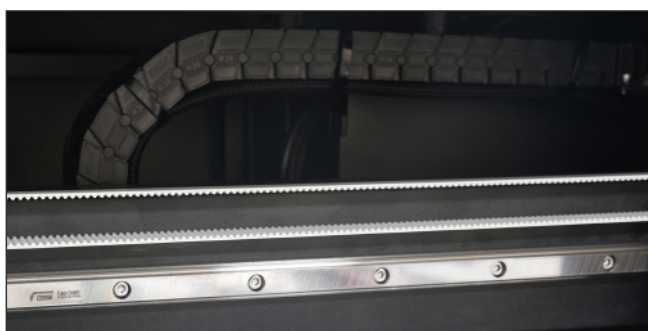
### Adjustable fixture angle design

The adjustable fixture supports printing on various straight-walled cylinders—including cans, glass cups, stainless steel mugs, and cosmetic bottles—to meet diverse needs. Clear scale markings enable quick positioning and repeatable alignment, reducing setup time and improving efficiency.



### Dual Precision Positioning System

This system uses a precision clamp and infrared sensor for dual-mode positioning. The clamp prevents slippage; the sensor ensures consistent starting points. Together, they provide reliable positioning for cylindrical UV printing.



### Brand components

The machine incorporates brand-name components in all high-wear areas to significantly enhance lifespan and operational stability. Key examples include German Igus drag chains, high-precision screw drives, and ultra-high precision aerospace-grade aluminum beams.



### Ink supply system

Equipped with auto white ink agitation and smart low-ink alert, our printer prevents sedimentation and downtime. This ensures flawless, consistent white prints and uninterrupted operation, boosting your productivity and quality.

## Print Mode

- This system is equipped with the Epson i3200U1HD industrial-grade print head, featuring 8 individually controllable channels and a CMYKWV six-color configuration (Cyan, Magenta, Yellow, Black, White, and Varnish). Utilizing a layered printing process, it achieves precise four-layer stacking:



## Application

