

MM3D

Laser Marking Kit

Easily leading 2D laser marking into 3D new era

Hi-lo position marking • Curved surfaces marking
Glass interior engraving • Large field marking
Engrave/Relief • Cutting



Product Application

HI-LO Position marking

Within the focal length range, multiple workpieces of different heights can be marked at one time.



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Curved surfaces marking

For regular surfaces such as inclined planes and curved surfaces, can mark directly.



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Glass interior engraving

The 3D laser generates pulses in a very short time, and its energy instantly causes the crystal to heat up and crack, thereby producing tiny white dots and carving out a predetermined shape inside the glass.



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Relief

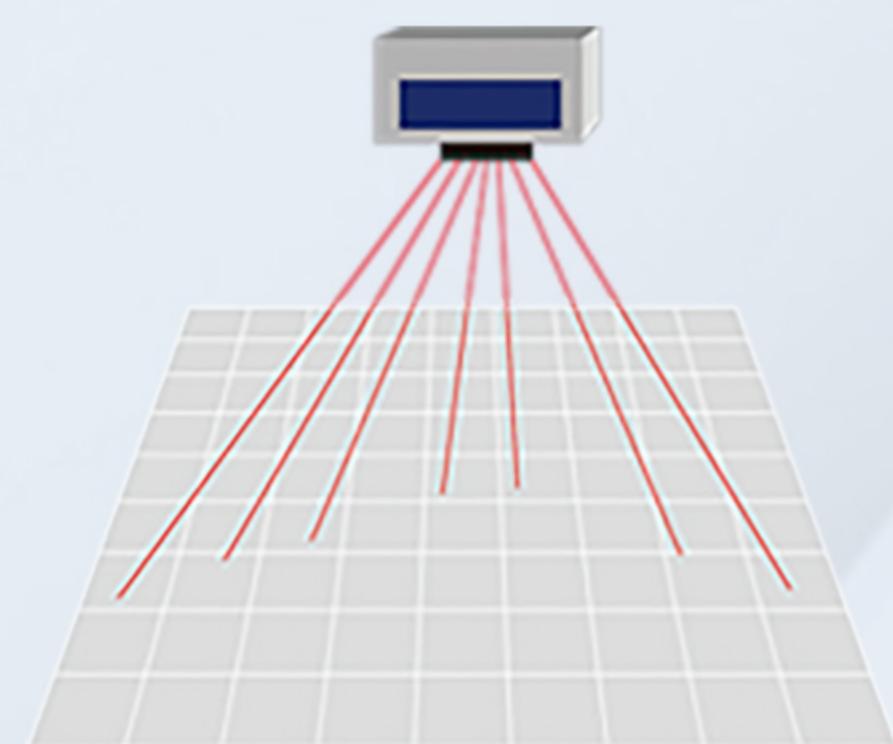
The 3D scan head has a built-in three-axis lens, which directly controls the focal length change, and can complete the marking process in one go.



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Large Range Marking

Controlled by 3 axis, can mark 300-1700mm



Max marking range: 1700*1700mm



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Cutting

CO2-30mm large range marking, tiny spot. Have splendid performance in cutting and scribing

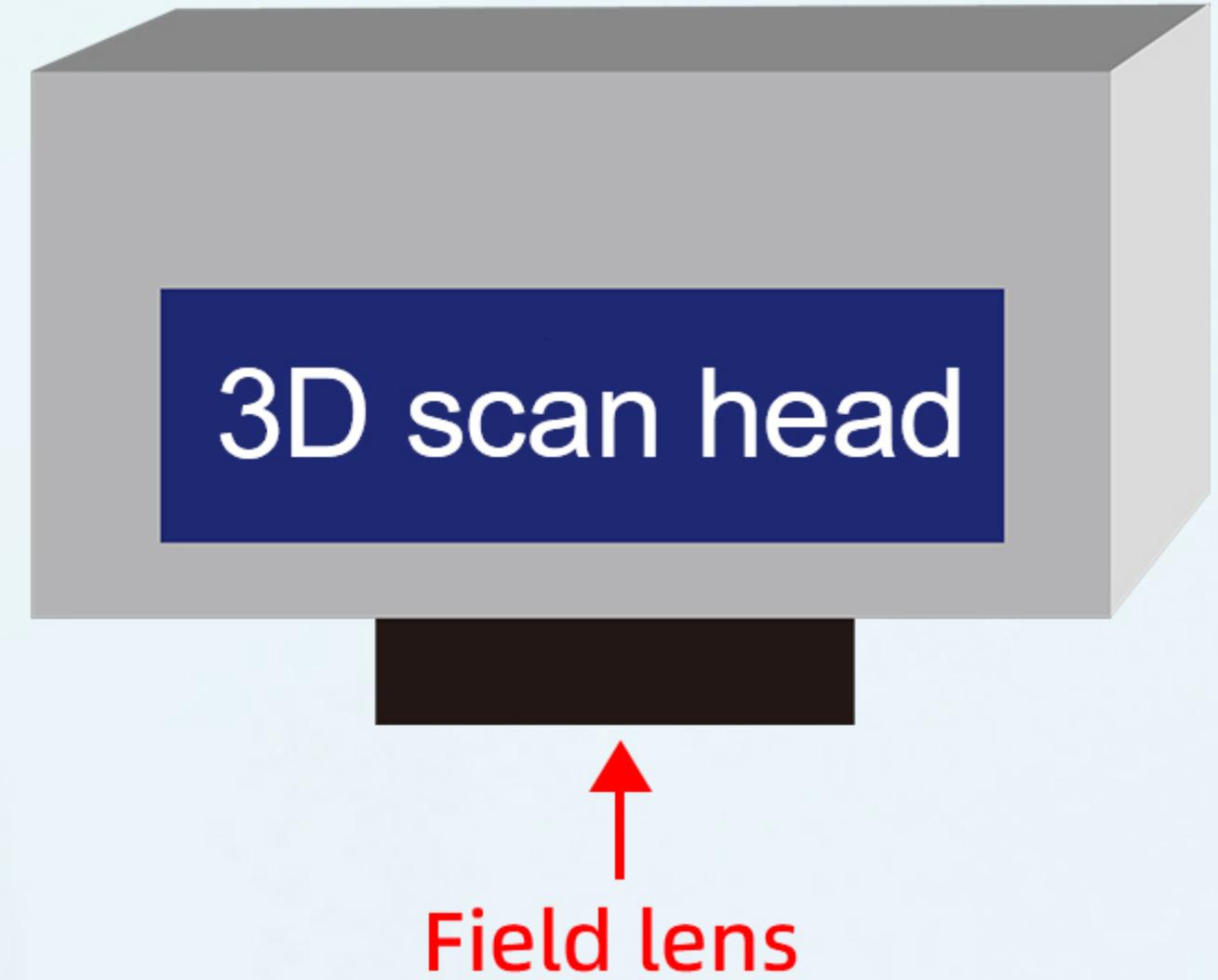


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Category

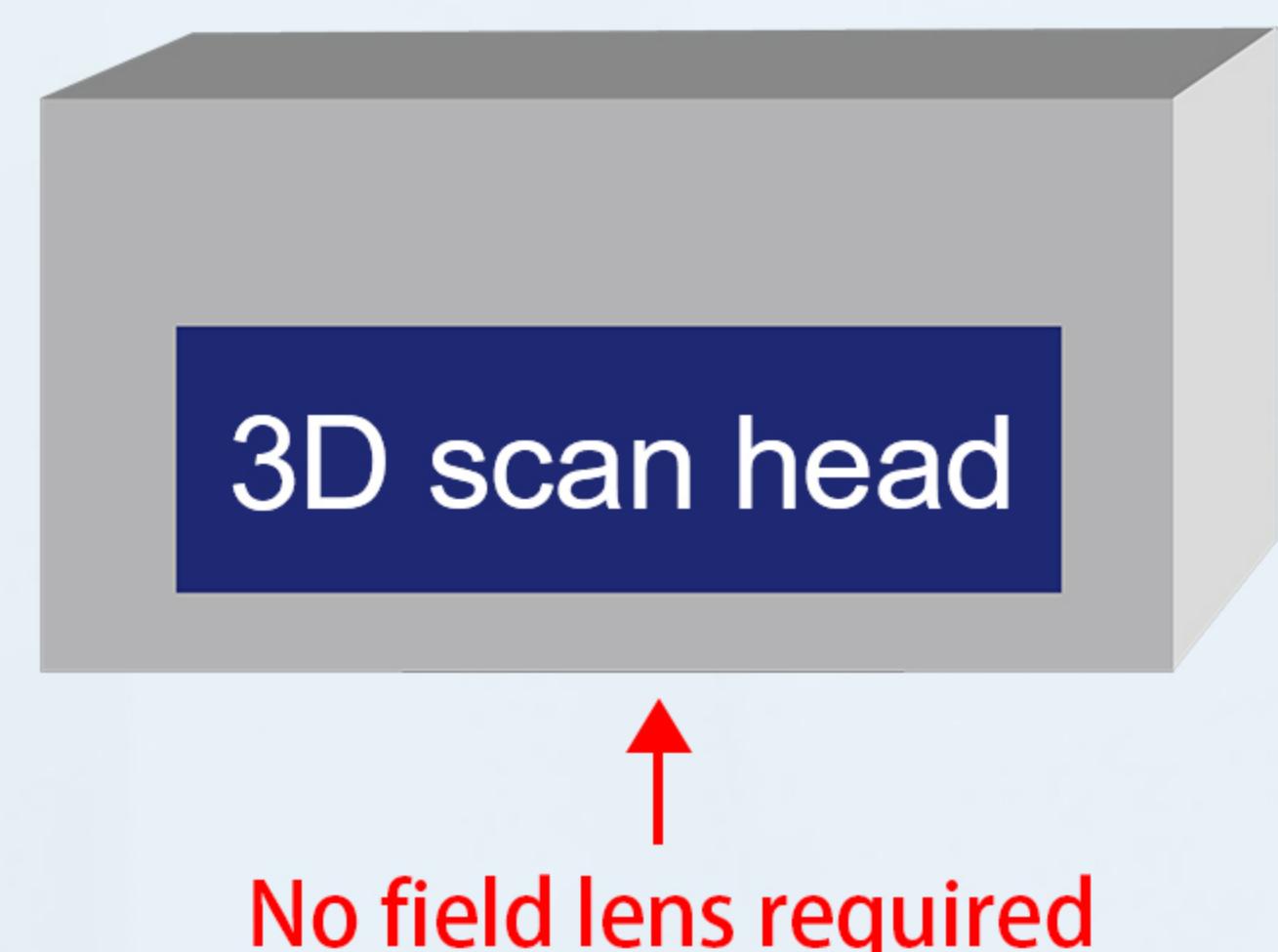
3D focus after dynamic scan head

- Need field lens, better focus mode
- Focal length variation is determined by dynamic Z axis & Field
- Better light spot, more suitable for deep carving, cutting
- Marking range determined by the field Lens
- Max. Range: 600 x 600mm



3D focus Front dynamic scan head

- No field lens required
- Focal length variation is determined by the dynamic Z axis.
- Good spot dispersion is more suitable for large format marking
- Max. marking range: 1700*1700mm



Match MM3D software

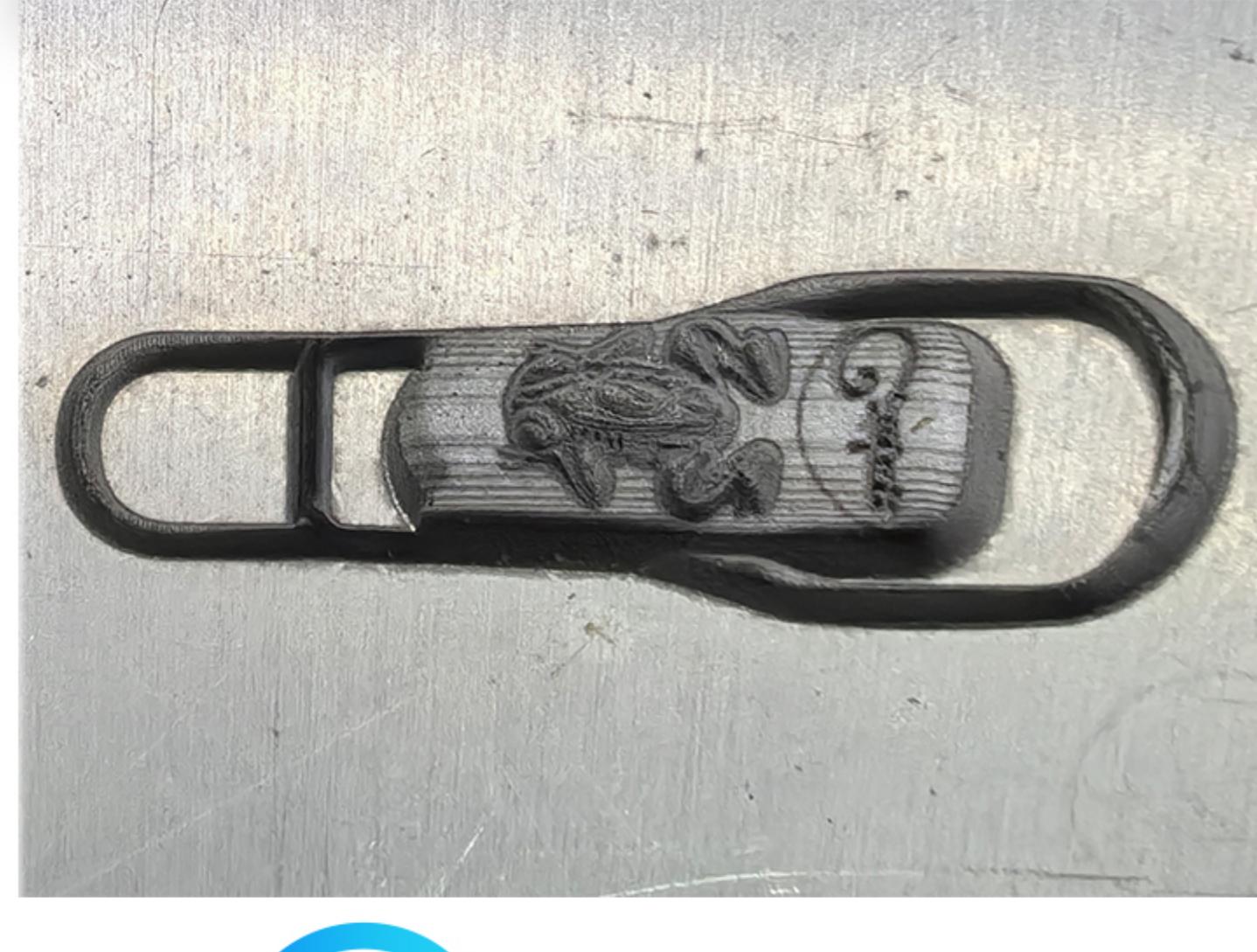
- Support for importing STL model
- Draw in 2D Graphic
- Built in several frequently used models
- Support importing 3D.dxf path
- Real time preview, what you can see is what you can get
- Graphic Coated or projection mapping to curved surface
- Automated Process Control
- Scalable XYZ axis control



Function & Application

Function

Engraving



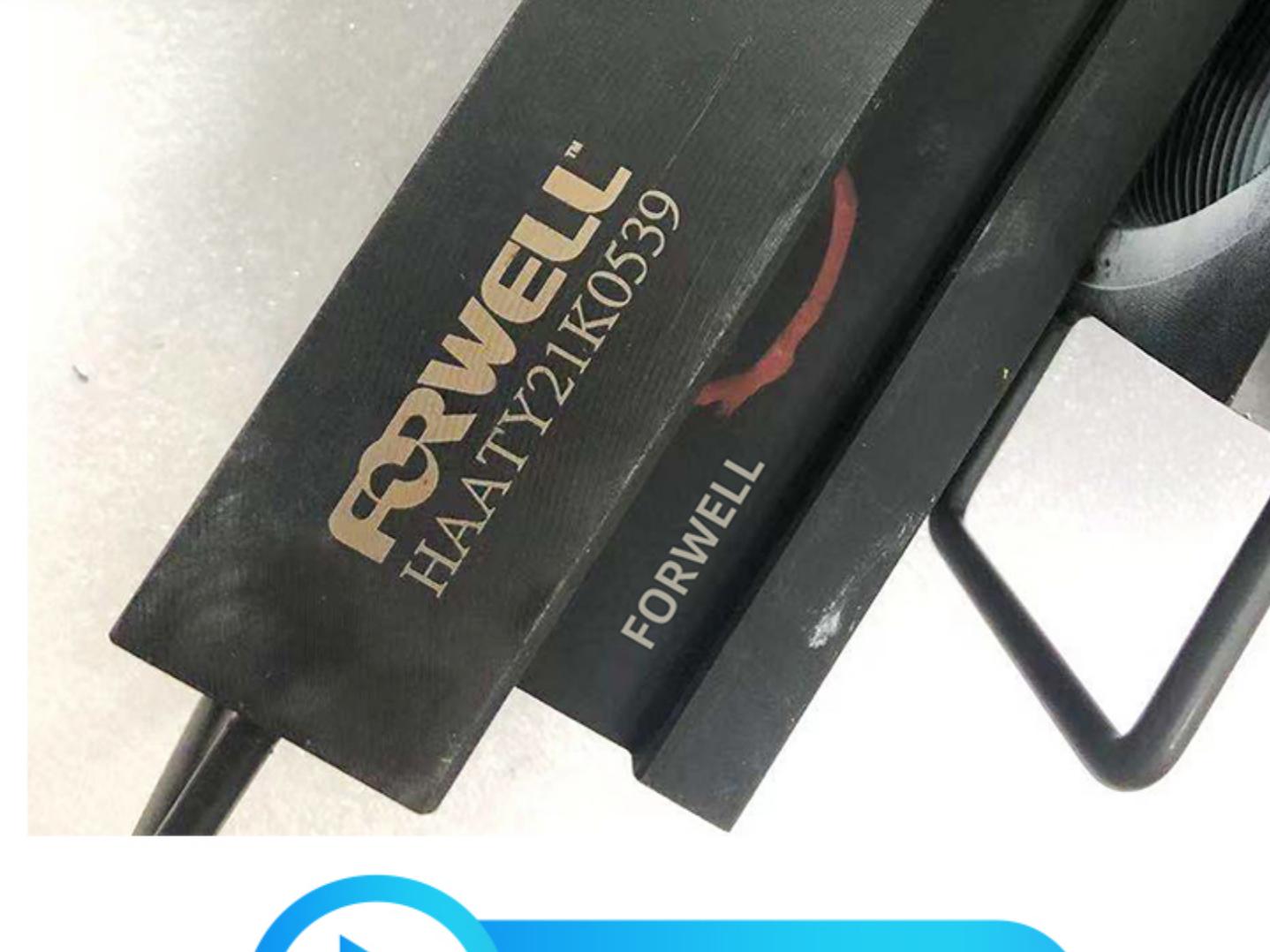
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Curved surface marking



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Multi-height marking



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Continuous rotary marking



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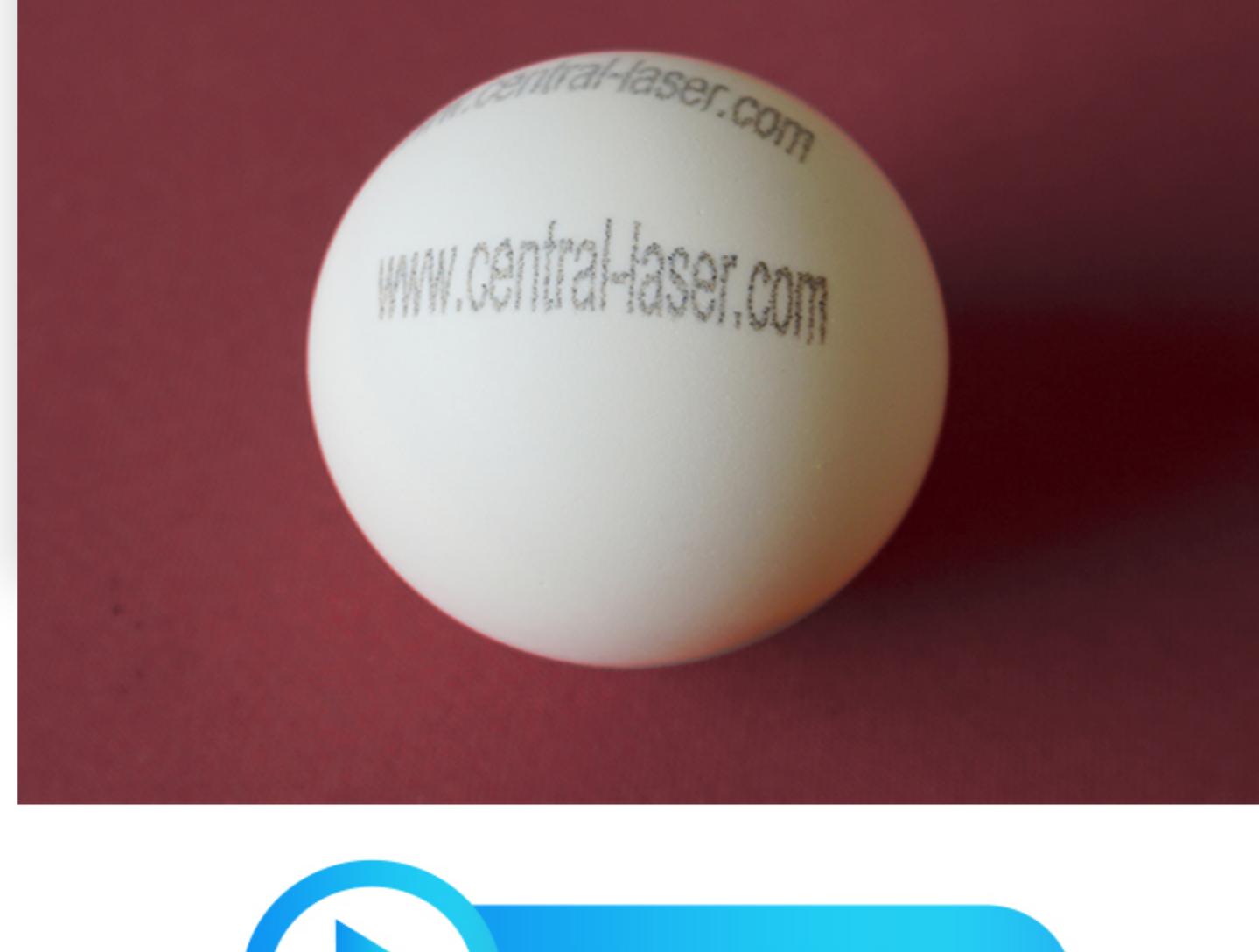
Application

Bevel marking



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Sphere marking



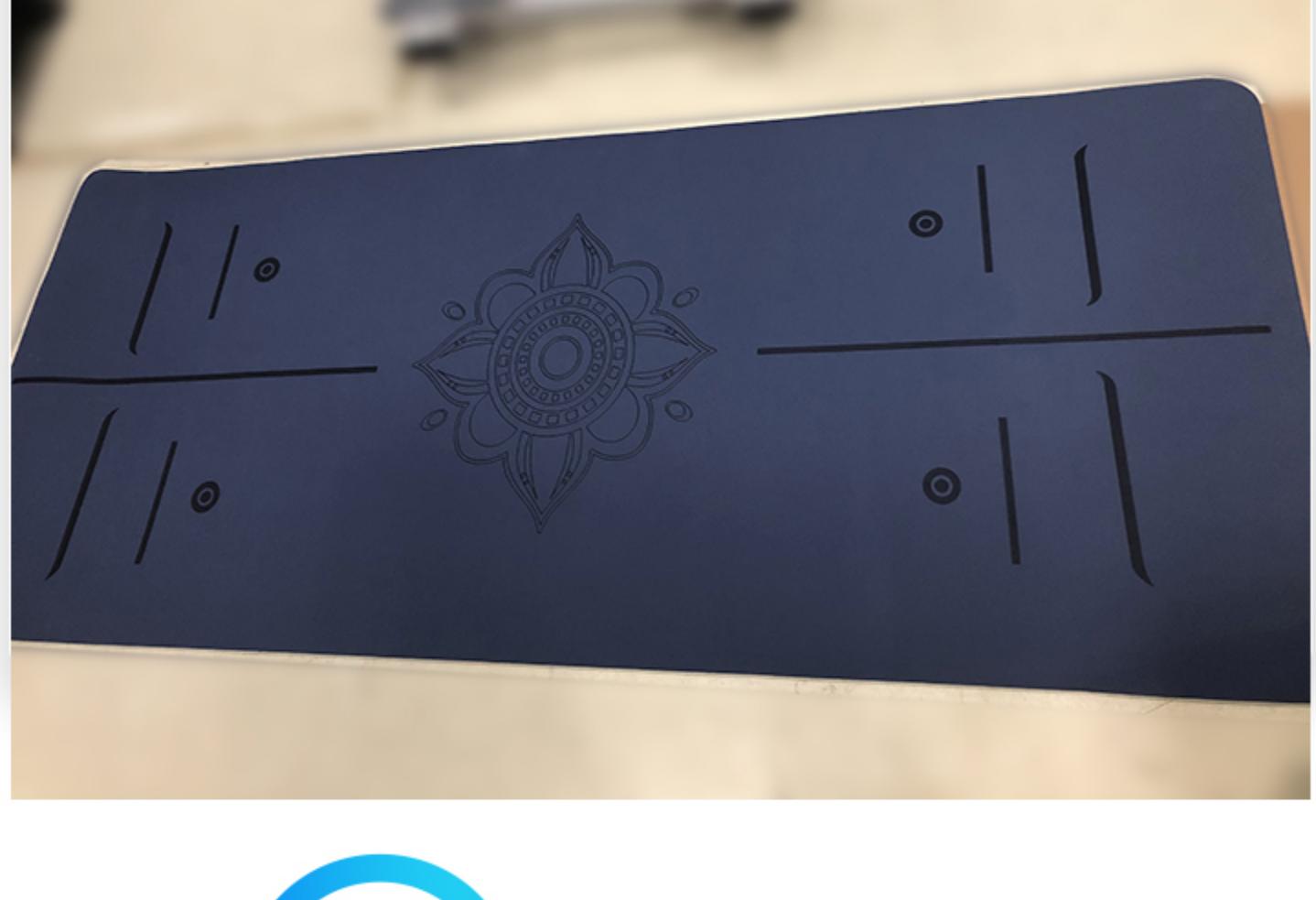
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Irregular surface



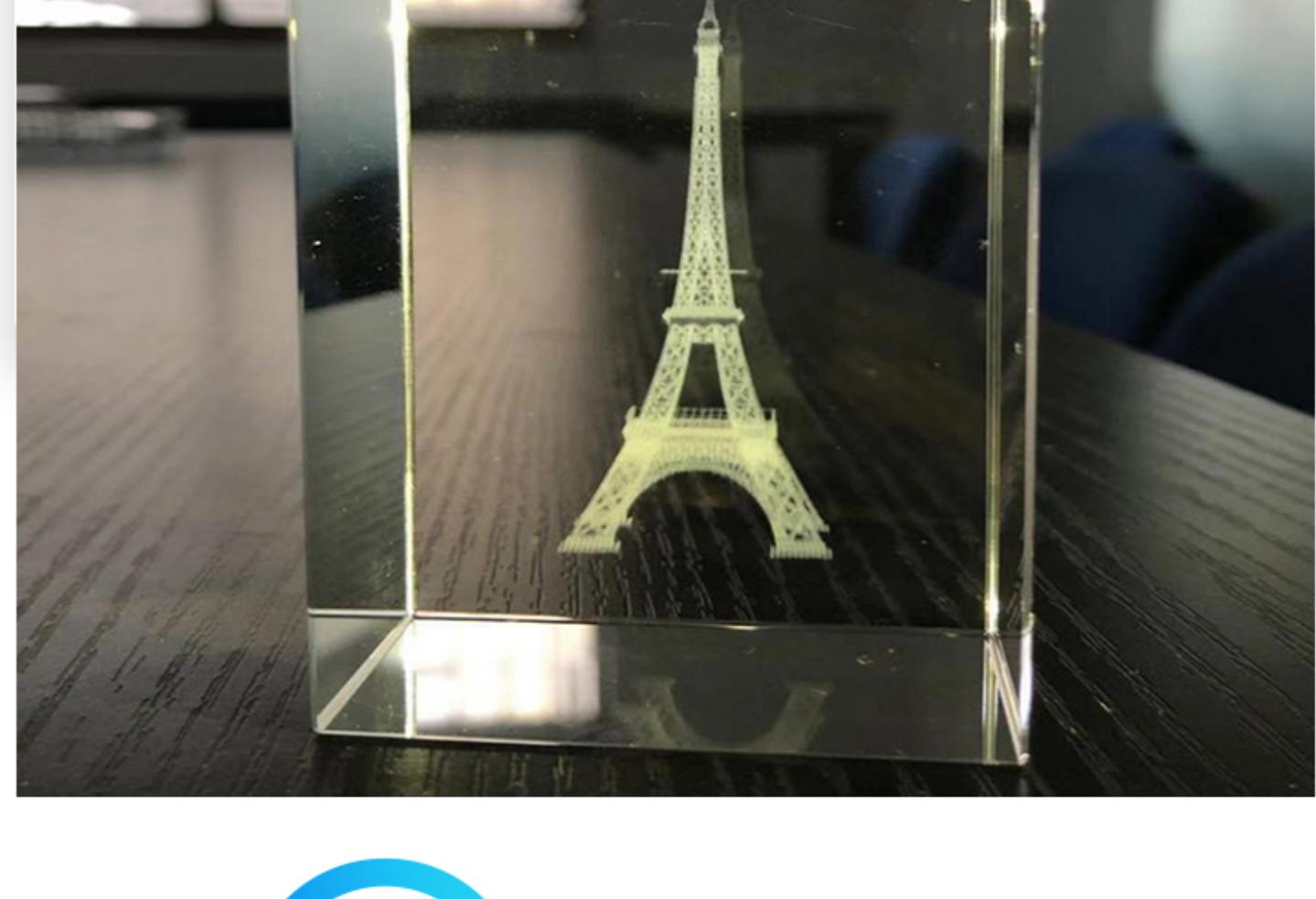
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Large format marking



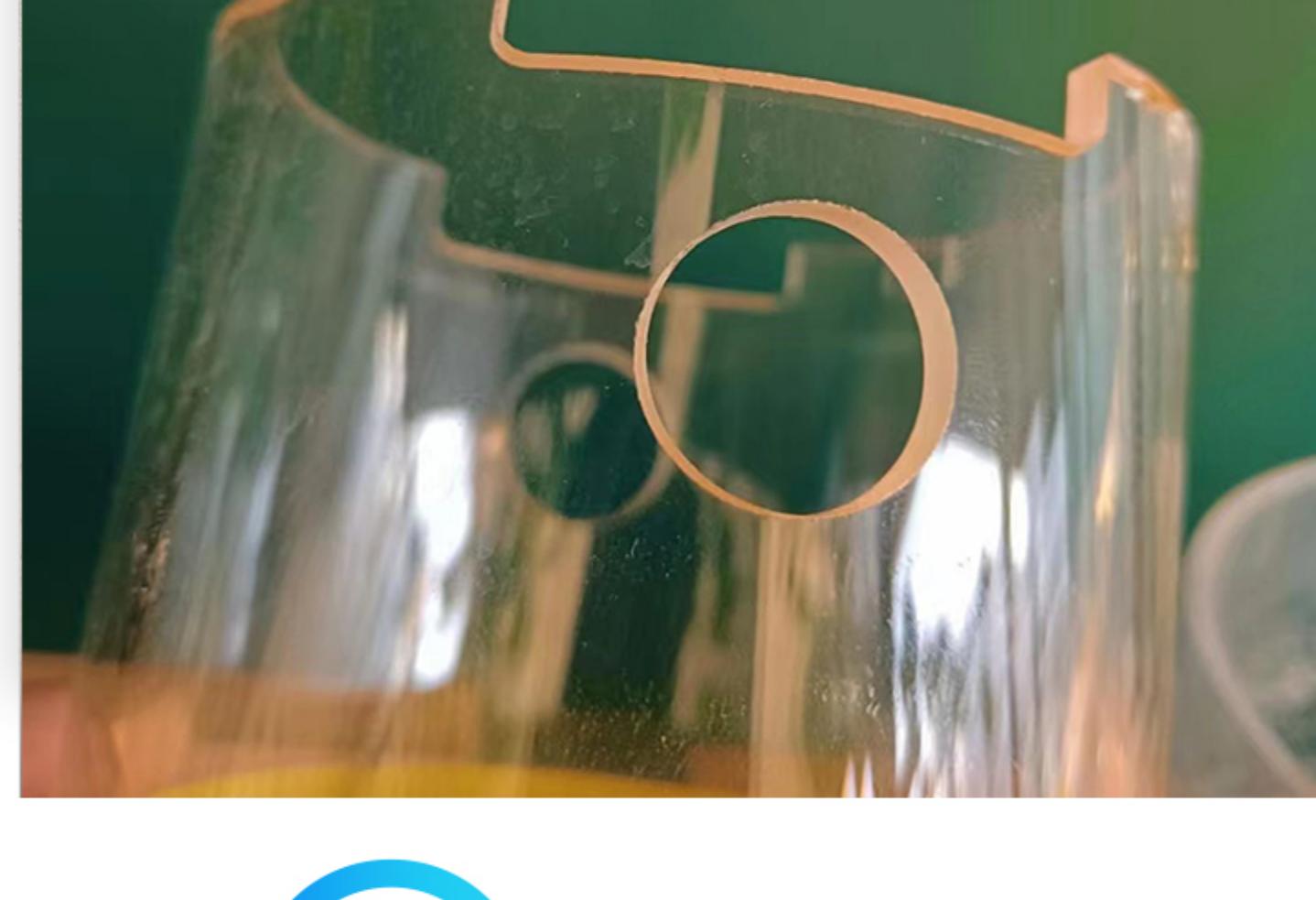
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Inner-carving



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Glass drill



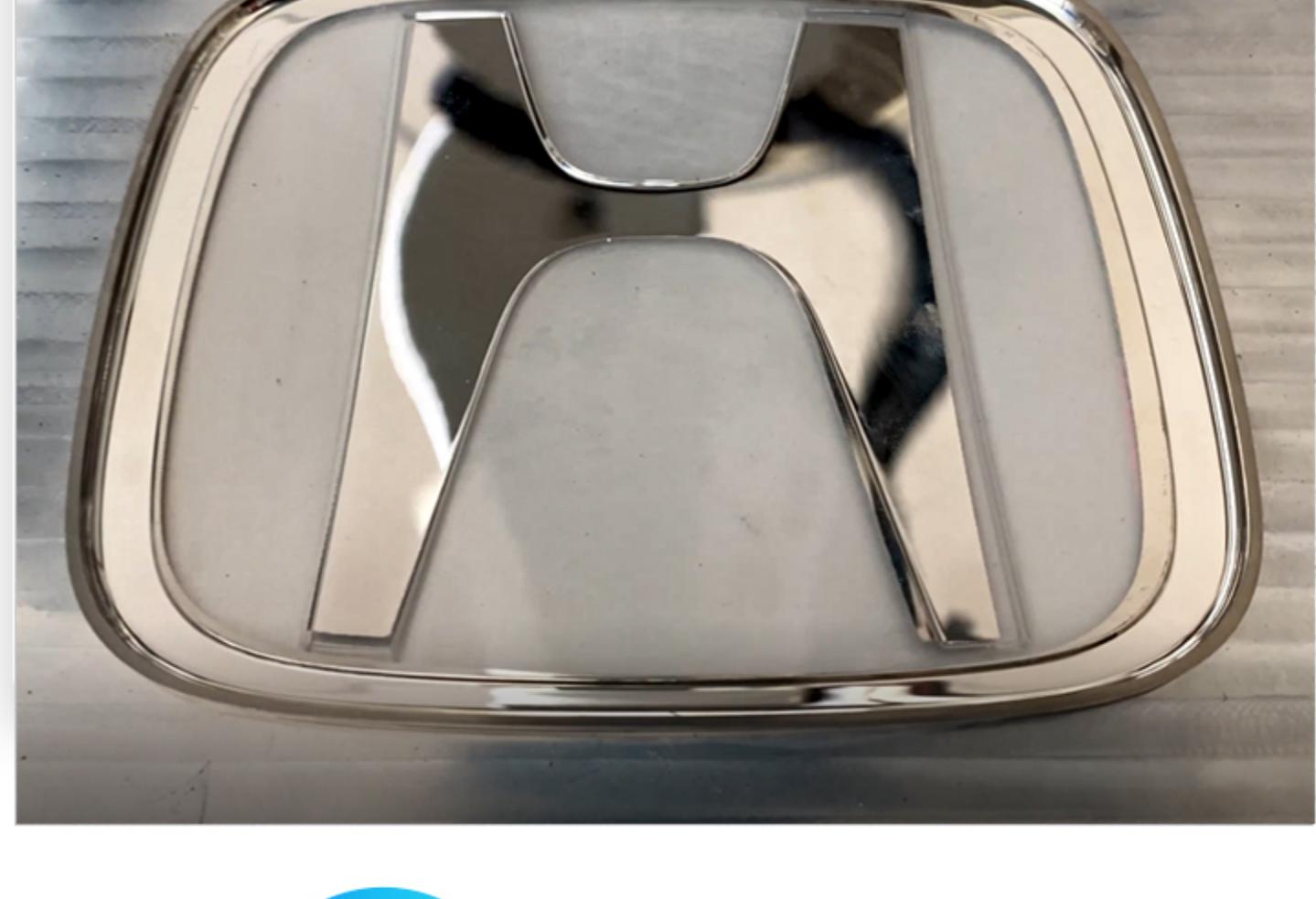
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Thin paper cutting



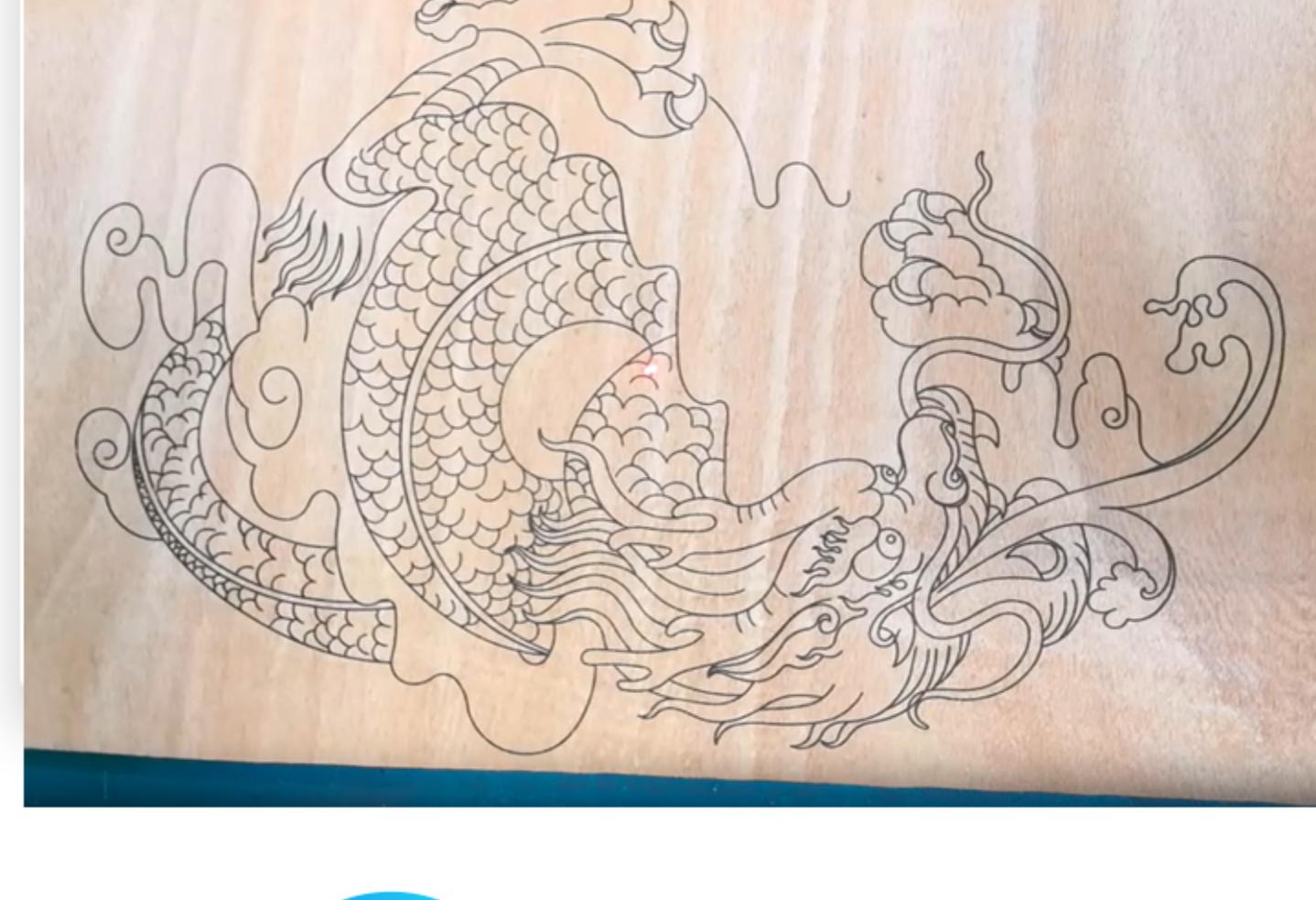
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Paint removal



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Wood carving



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Parameter

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