

# APPLICATION OF LASER CUTTING MACHINE IN KITCHEN STAINLESS STEEL

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## REDSAIL CM2435 LASER ENGRAVING/ CUTTING MACHINE

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With the development and progress of modern social economy, people have higher and higher requirements for daily necessities and tools. Not only is it required to be versatile and durable, but it is also expected to have a unique and beautiful appearance. As an industry closely related to people's daily life, the kitchenware industry has been constantly updated and rising in recent years.

Traditional kitchenware processing equipment uses CNC punching machines, and then cooperates with polishing, shearing, bending and other processes to form the final shape. This kind of processing efficiency is relatively low, the time for making molds is relatively long, and the cost is relatively high. The metal laser cutting machine is produced under the premise of the urgent needs of this manufacturer.

My country's laser development is very rapid. The [metal laser cutting machine](#) can be directly used in the production of various kitchen utensils without molds, which has long-term significance for the kitchen utensils processing industry.

#### 1. The machine structure is stable and reliable

The structural rigidity conforms to the standard of industrial machine tools, the precision is high, and the stress generated during welding and processing is completely eliminated. The bed adopts a honeycomb welded structure to ensure that the huge thrust generated by the instantaneous acceleration and deceleration of the large inertia motor is evenly distributed to all positions of the machine tool, which greatly reduces the vibration of the machine tool.

#### 2. High-precision anti-collision laser cutting head

The imported laser head has a stable driving mechanism + optical system design, which can cut at high speed and still be stable. And it can cut material sheets of different thicknesses, which is an indispensable part of industrial cutting.

#### 3. Fast cutting speed

It has a high cutting speed, especially suitable for plates.

Using laser to produce kitchen utensils has great advantages. Metal laser cutting machine is also a fiber laser cutting machine, a professional laser equipment for cutting metal materials. In addition, Pentium Laser also provides customers with various models: laser hand-held welding machine, laser pipe cutting machine,

The laser cutting machine adopts the characteristics of laser non-contact processing. The cutting products have no extrusion deformation, fast cutting speed, no dust, and intelligent environmental protection. Metal laser cutting machines have high processing precision. When the demand for products is high, laser cutting is a good choice and can save costs.