

LONE STAR

CUTTING SOLUTIONS

Lightning 44

Introducing the **Lightning 44** - a 4x4 fiber laser cutting table designed for precision cutting of industrial processes as well as jewelry and artwork. The Lightning 44 is a fully enclosed machine that provides added safety and easy access for maintenance. With its compact size and powerful fiber laser, this machine can easily cut through a variety of metals including stainless steel, brass, and aluminum.



Lightning

44



Processing Size

49.2in x 49.2in

Machine Specifications

- High precision linear guide with high repeated positioning accuracy, less wearing and stable performance.
- ECAT/Ahead Techs CNC controller based on EtherCAT protocol. Friendly HMI with high flexibility and easy expanding.
- Raytools laser cutting head along with EtherCAT height sensor to safeguard the cutting.
- Highly dustproof class 4 safety enclosure.
- CCD vision system is optional.
- Laser source and chiller are excluded.



2 Year Warranty

Free Lifetime Phone Support



Designed with convenience and ease of use in mind, the Lightning 44 has a user-friendly control panel and intuitive software that is easy to navigate. Additionally, its low power consumption and minimal maintenance requirements make it a cost-effective option for any jewelry or artwork cutting needs.

Lightning

44



Processing Size

49.2in x 49.2in

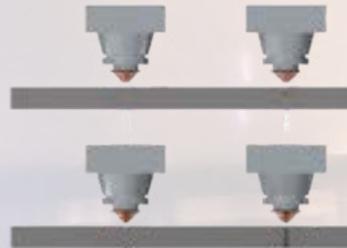
MAX
PHOTONICS



- It has a super compact design with the laser housed in a hermetically sealed cabinet;
- Maintenance-free Operation,
- A dehumidifier is installed within the cabinet to ensure optimal internal humidity;
- Industry-leading wall-plug efficiency our lasers are known for has reached over 40% ;
- The electrical cost savings add up to many tens of thousands of dollars over lifetime of a laser;
- Wide variety of fiber delivery options (50, 100, 150 or 200 μ m) core diameter;
- record reliability and maintenance-free operation;
- Hot redundancy ensures 100% up time with no change in power;
- Compact Rugged Design

Laser Head

- The focus is controlled by the inner precision servo motor, no need for manual operation
- Punching time reduced by 80% compared to common cutting head. Best match for high-speed thick metal material cutting and highly reflective materials.
- Large and complete cutting technique data base.
- Supporting remote system monitoring through wireless handheld box and ethernet



- Laser cutting of, stainless steel, carbon steel, aluminum, brass, titanium, and more.
- Includes professional on-site installation and training.
- 2-Year Warranty that includes the laser cutting head.

The **Lightning 44** comes equipped with advanced software that allows for precise cuts with intricate designs, while also enabling efficient material usage, saving you money in the long run. This machine also features a water cooling system to maintain optimal performance.