

LONE STAR

CUTTING SOLUTIONS

Building America

One part at a time



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CUTTING SOLUTIONS

Lightning Rotary Pro

The Lightning Rotary Pro is the epitome of a cost-effective laser tube cutting machine. Even when not operating at full capacity, its fiber technology remains highly economical. Perfect for both first-time users and as a supplementary machine, its reliability and user-friendly operation ensure optimal performance.



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Lightning

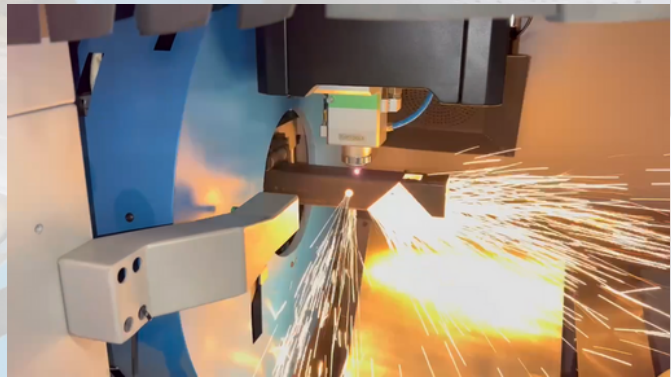
Rotary Pro

Unlock the Benefits of Laser Tube Cutting

Our laser tube cutting machines provide you with unparalleled advantages in tube fabrication. By harnessing the power of lasers, you can streamline your production processes and expand your range of producible parts. Eliminate time-consuming process steps and witness significant improvements in efficiency.

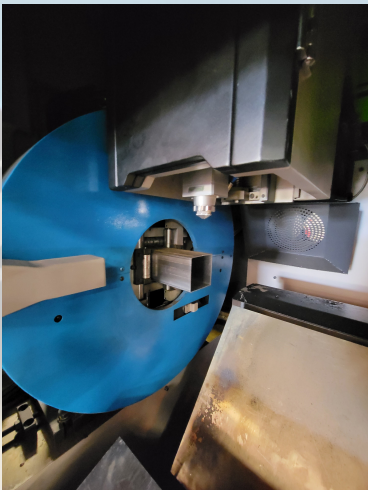
Standard Machine Features

- Semi-Automatic and Fully Automatic In-Feed available
- Bundle capabilities available
- Desired Outfeed for seamless material handling



Machine Specifications

- Capability to perform 45° bevel cuts for precision and versatility
- Maximum Round Tube Diameter: 1 inch to 12 inch
- Maximum Square Tube Dimensions: 1 inch to 12 inch
- Compatible Material Types: Round Tube, Square Tube, Rectangular Pipe, Oval Tube, and more
- Standard Material Processing Length: 20, 24, 35, and 42 feet Custom Lengths available
- X/Y Positioning Accuracy: +/- 0.001 inches



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Laser Options

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.

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Laser Options

TOPSINN



Dust Collection

- The appearance is simple and elegant, stable and elegant
- The humanized operation panel is more classic and delicate
- Built-in controller form, performance and quality are more guaranteed
- Stable operation, low noise, high efficiency
- No regular maintenance required, lower cost
- High negative pressure, large suction, higher filtration rate.

- Powerful Cooling Genuine S&A water chiller uses standard R134a refrigerant to keeps the laser cutting and engraving
- Large Capacity Water Tank. features closed design to reduce water evaporation and provide long service between fills; Precision scale shows water level; Easy to observe and know when water filling is needed.
- Precise Temperature Control S&A industrial water coolers have dual mode temperature control (automatic and intelligent), It can keep the temperature constant within 0.3°C; Constant & Intelligent temperature mode; Automatically adjust the temperature according to the indoor environment temperature; Manually set the temperature between 5-40 degree



Foldable 6-Panel System

Features

- Foldable, for ease of storage
- Light weight and wheeled, for maximum mobility
- Unique, 360° light-tight hinge technology
- Heavy-duty extruded aluminum frame
- Certified laser safety barrier panels (M5P06)