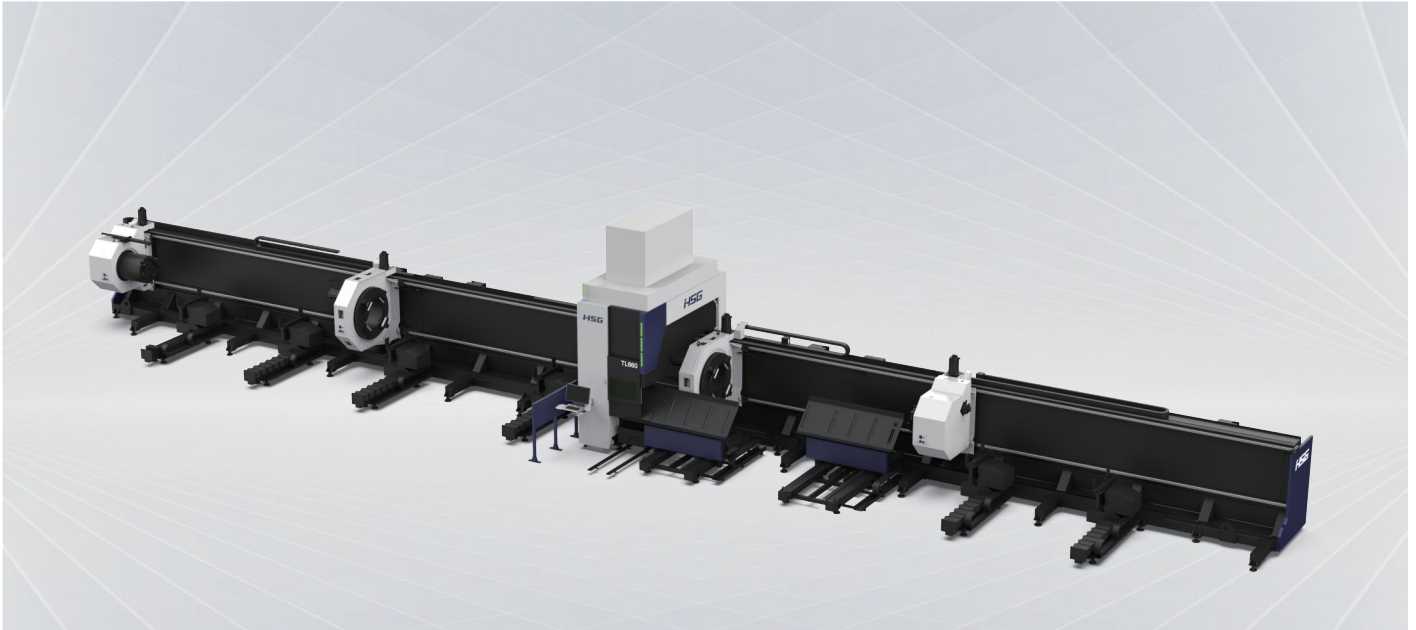


TL

Four-chuck Heavy-duty Tube Fiber Laser Cutting Machine

UNMATCHED PRODUCTIVITY, ULTRA-LARGE SCALE



Cutting Head

3D (Optional)

Laser Power

6-20kW

Max Diameter

660mm

Max Single Tube Weight

3,000kg

PRODUCT OVERVIEW

Built for Large and Heavy-duty Tube



Experience the TL series—an industry benchmark in quality, productivity, and performance. Engineered to handle large tube cutting applications, it offers up to 20kW of laser power, accommodates tube lengths up to 12m, weights up to 3,000kg, and diameters up to 660mm.

TYPICAL PROCESSING

Various Tube Processing Functions

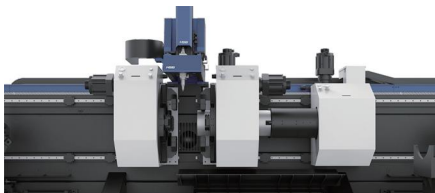


Space leapfrog and fly cutting, in favor of the decrease of idle running of cutting head and the increase of cutting efficiency. Restart to cut from break-point, with less material waste. Four-side centering for high cutting precision. Smart typesetting algorithm to enhance material utilization.

IMPROVE PROCESSING ACCURACY

Four Chucks Structure for Heavy-duty Tube Cutting

HSG Laser released the first generation of HSG four-chuck heavy-duty tube laser cutting machine, laying a groundwork for cutting heavy, large and long tube stably. Maximum diameter: 660mm (Round Tube)
Single tube weight: 3000kg



SAVE YOUR TIME

0-45° Bevel Cutting (Optional)

Expand your part spectrum and achieve better tube splicing with high-quality bevel cuts up to 45°. Reduce subsequent processing steps to save processing costs and time.



CARE YOUR SAFETY

Additional Safety Protection (Optional)

- > Equipped with a top cover for enclosed processing to reduce smoke and maintain a clean working environment.
- > The safety light curtain will prevent any possible collision with human body and protect both workers and the machine well.

SAVE YOUR COST

Maximize Material Saving

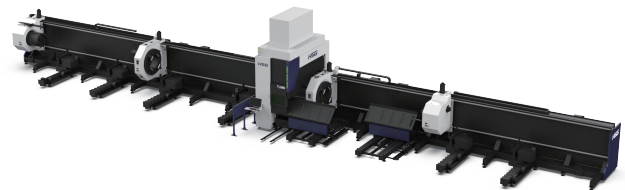
Four chucks combine ordinate cutting with various clamping types to achieve short tailing and improve material utilization ratio.

* When work procedures are well arranged, zero tailing comes true.

SAVE YOUR TIME

Automatic Loading and Unloading System

The system is easy for heavy-duty tube loading and unloading without shutdown waiting. The system can decrease unproductive time and avoid accident probabilities of artificial loading and unloading.



TECHNICAL PARAMETERS

Model	TL660
Laser Power	6-20KW
Cutting Capacity of Round Tube / Square Tube	Φ80mm-660mm / □80×80-□450×450mm
Weight of Single Tube	3,000kg
Max. Linkage Speed	50m/min
Max. Linkage Acceleration	0.2G
The Range of Tube Material	3000-12000mm

*Information and images are for reference only. Final specifications and terms are subject to the contract and may change without notice.