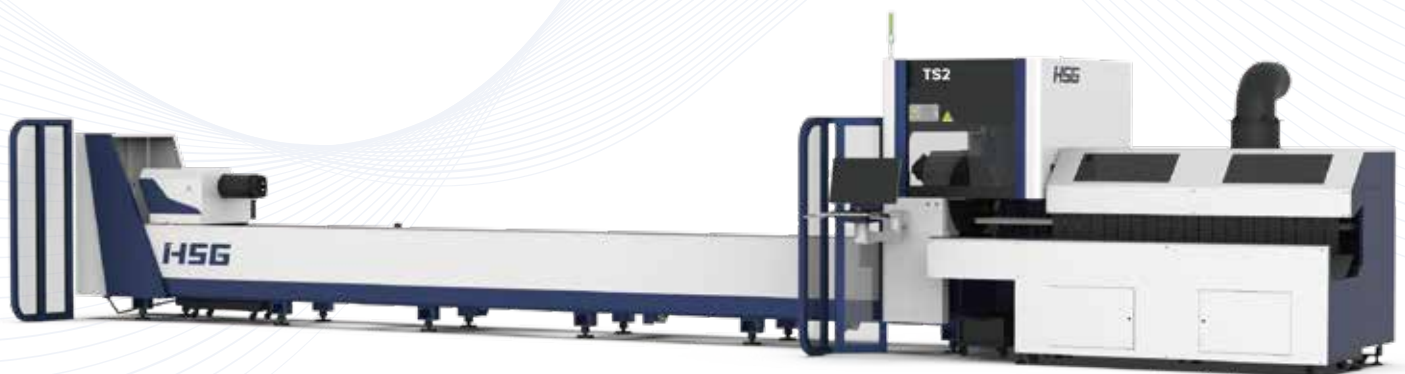




Cutting | Bending | Welding | Automation



TS 2

✦ Economical and High-speed Tube Laser Cutting Machine ✦

Company Culture

MISSION

Intelligent manufacturing changes future

VALUES

Customer-focused and employee-based

VISION

Become a respectable enterprise in the global metal forming equipment field

Company Profile



19

Global Branches



100+

Countries Covered



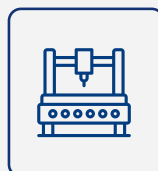
5

Manufacturing Bases



30+

Global Service Centers



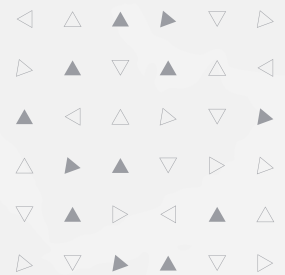
8,000+

Annual Capability



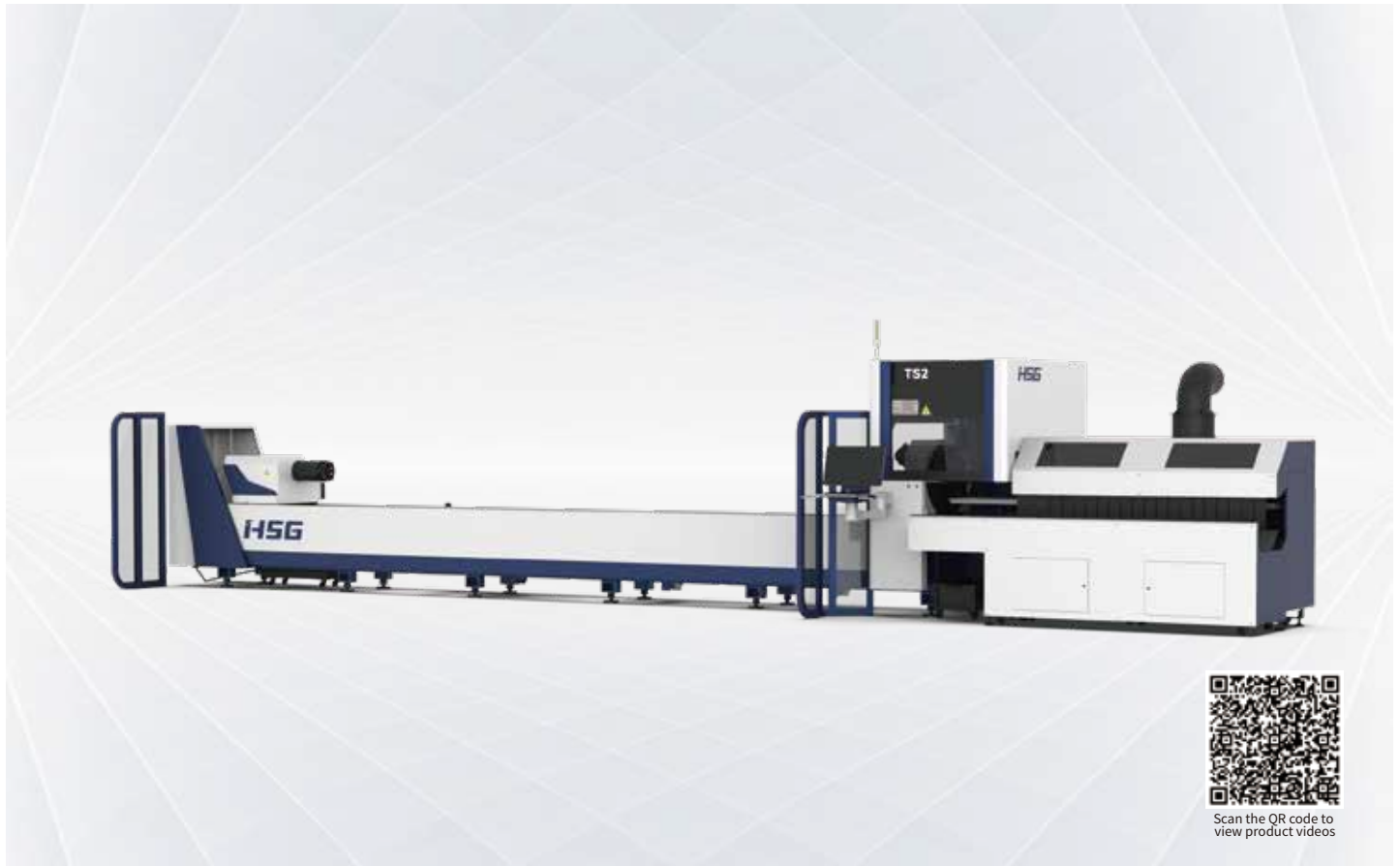
135,000m²

Occupied Area



TS 2 1500-6000W

Economical and High-speed Tube Laser Cutting Machine



Technical Parameters

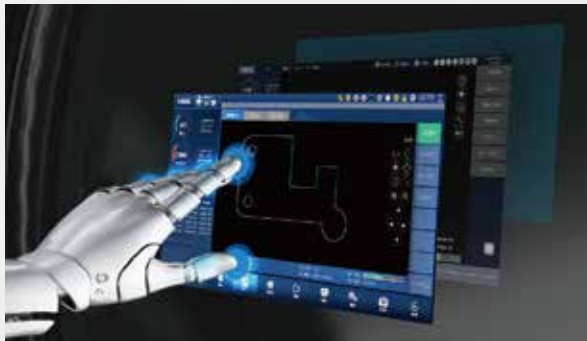
Technical Parameter	TS2
Power	1500-6000W
Rotating Speed of Chucks	100r/min
Max. Linkage Speed	100m/min
Max. Linkage Acceleration	1G
X/Y-axis Positioning Accuracy	±0.03mm/m
X/Y-axis Repositioning Accuracy	±0.03mm
*Tailing Length	Tailings in Single Chuck Clamping Model ≥85mm, Tailings in Double-chuck Clamping Model ≥195mm
Cutting Capacity	Round tube Φ20 - Φ240mm Square tube □20*20 - □240*240mm Side length: 20-240mm
Weight of Single Tube	200kg
Dimensions with Semi-Auto (L*W*H)	12500*4700*2500mm
The range of pipe material	1000-6500mm

*Suggested Tube Length in Single Chuck Clamping ≤500mm, Weight of Tube ≤5kg

* Machine appearance, technical parameters, function description, data comparison shown in this page are from HSG in-house laboratory.
All testing results and experimental data shall be subject to real machine.

High Speed and Intelligent for Better Processing

- High Speed and Precise
High-speed data transmission without time delay and strong positional energy control.
- High rotational Speed and Air Velocity
Bus system and servo motor reduce unproductive time.

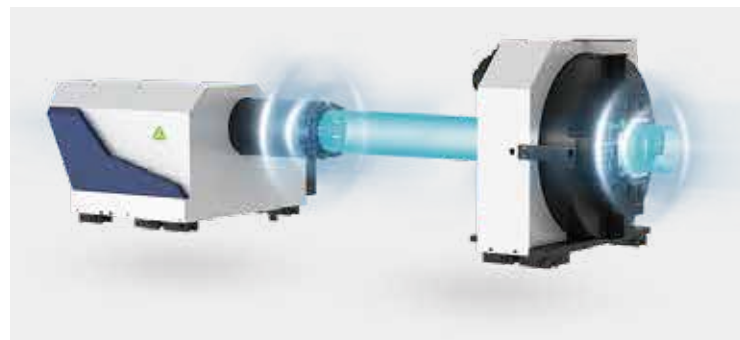


X9000 Bus-based Tube Cutting Control System

- Simple Interface
Clear interface is convenient for users operating and shows cutting data in real time to save time and costs.
- Functional Integration Control
A number of core functions are showed centrally on the interface to reduce operating steps and users can easily learn to operate.

Rectangular-circle Pneumatic Chucks

- One-key clamping and automatic centering.
- Clamp heavy tube stably by large and constant clamping force.
- Expand clamping range of square tube.
 Φ 240mm round tube , \leq 240mm square tube





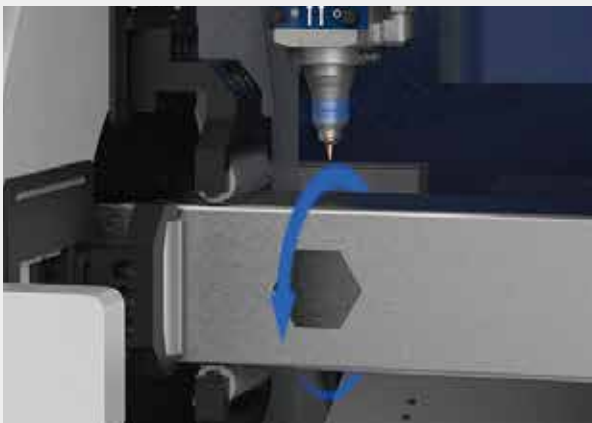
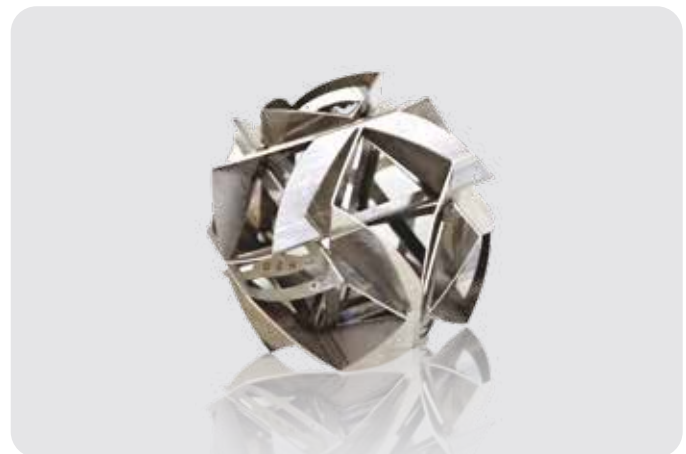
Powerful Functions Make You Never Spend Time Worrying

- Component Real-time Monitoring and Maintenance Alert
All components are detected in real time to ensure the stable use and the system is equipped with maintenance alert for careful component management



Tube Splicing Technology

- The operating control offers 50+ kinds of tube splicing patterns, for convenience of subsequent welding, such as splicing of male and female head of square tube, 90° arc splicing, splicing of round tube tee, splicing of cut-through holes, 45° splicing of hexagon, splicing of angle iron and channel steel, etc.



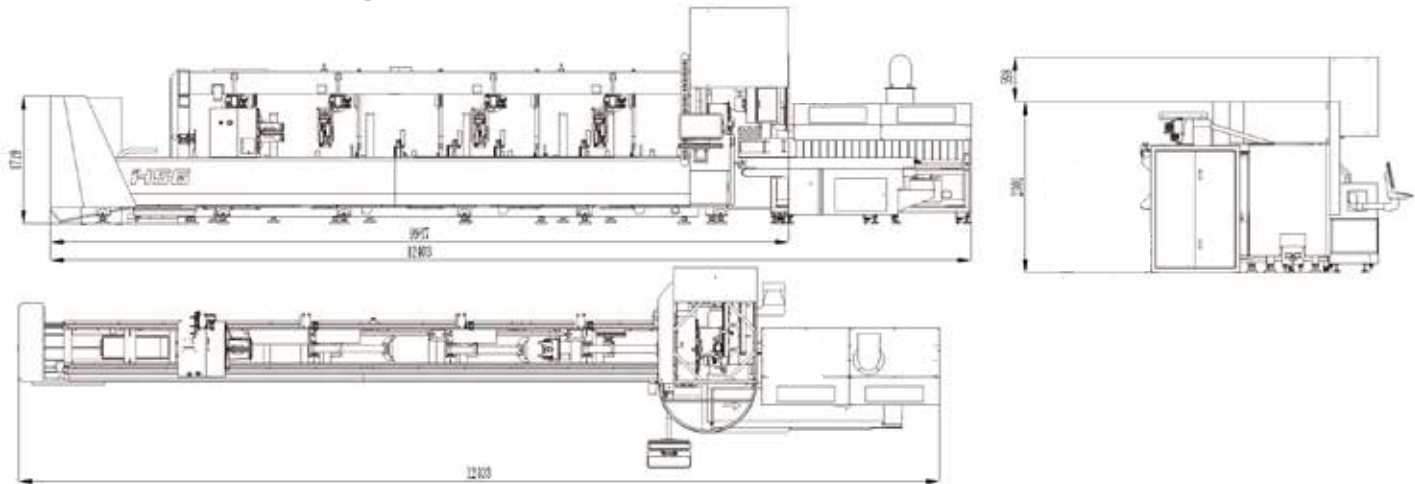
Leapfrog Technique and Flying Cutting Technique

- Peculiar tube cutting techniques make tube cutting more smooth and efficient.



Machine Foundation

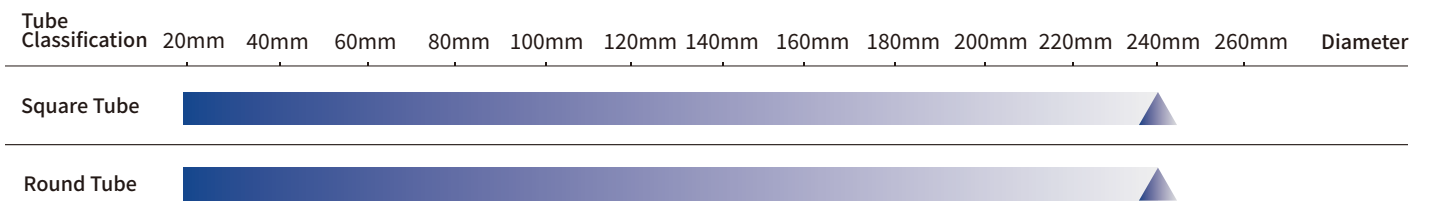
*The marked size has about 10mm error
 *The dimensions of the standard configuration of the machine are for reference only.
 Please refer to the three views of the order configuration for the actual machine dimensions.



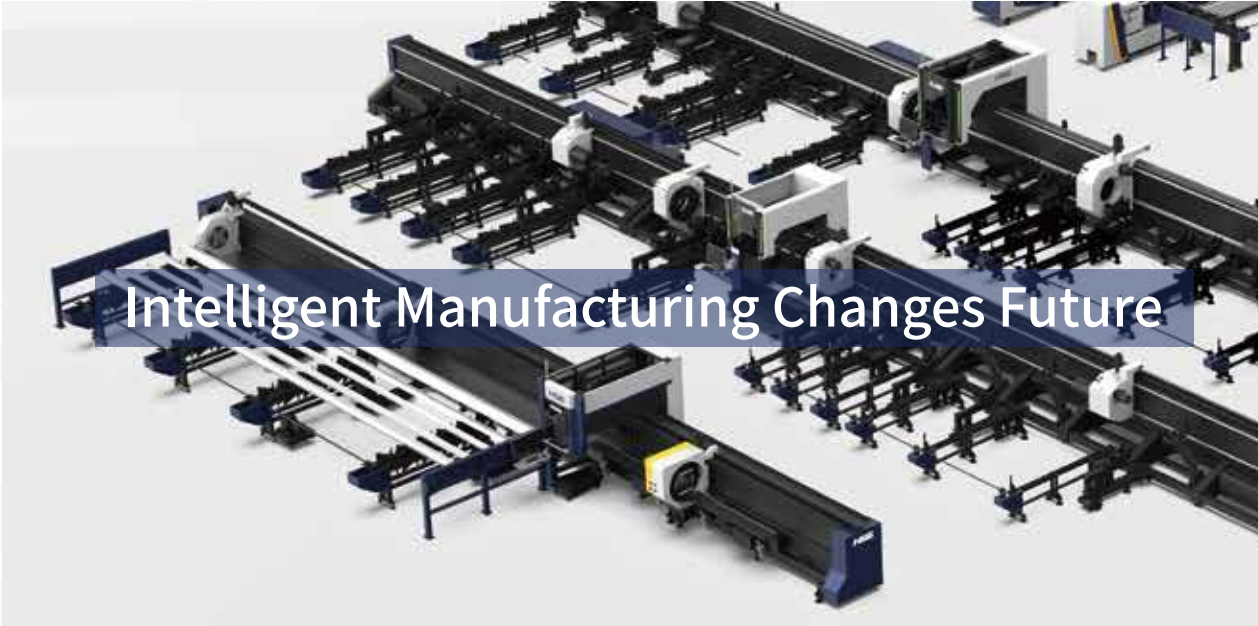
Cutting Samples



Cutting Capacity



The actual machines shall prevail and above data & pictures are only for reference.



Intelligent Manufacturing Changes Future



As a global enterprise, HSG sticks to providing professional and convenient service support to customers at home and board



Professional Training

Multiple technical training services and free operation training are provided for customers and dealers in a timely manner.



Efficient Support

Humanistic service model, online services and 7*24 hotline to offer solutions and assistance.



Optimized Transport

Multi-channel transport solutions and a professional transport solution team providing various transport cases to satisfy the demand of customers and save transportation fees.



Sufficient Accessories

Highly efficient accessory delivery service; multiple network inventories jointly respond to accessory demand, shortening customers' waiting times and accelerating production.



Careful Services

Domestic door-to-door service and free proofing, with over 100+ dealers providing efficient and convenient services.



Intelligent Manufacturing Changes Future



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