

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.



Website



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TS 2

Economical and High-speed Tube Laser Cutting Machine

www.hsglaser.com

### Company Culture

- SLOGAN**  
Shape Metal, Shape Trust
- MISSION**  
To support the high-speed growth of our customers
- VISION**  
To be a world-leading provider of metal shaping equipments & comprehensive solutions

### Company Profile

<b>19</b> Global Branches	<b>100+</b> Countries Covered	<b>5</b> Manufacturing Bases	<b>30+</b> Global Service Centers
<b>8,000+</b> Annual Capacity	<b>135,000m<sup>2</sup></b> Occupied Area		

# TS 2 1500-6000W

## Economical and High-speed Tube Laser Cutting Machine



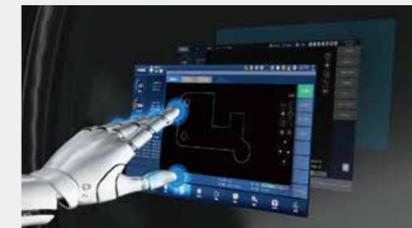
### Technical Parameters

Technical Parameter	TS2
Power	1500-6000W
Rotating Speed of Chucks	100r/min
Max. Linkage Speed	100m/min
Max. Linkage Acceleration	1.0G
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.

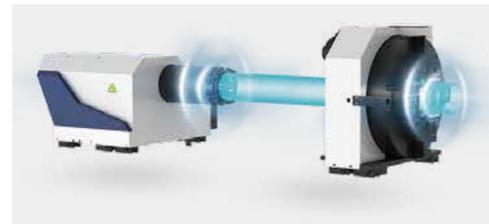


### X9000 Bus-based Tube Cutting Control System

- 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 , ≤ 240mm square tube

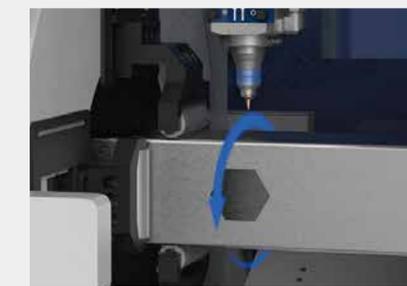


### Powerful Functions Make You Never Spend Time Worrying

- 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.

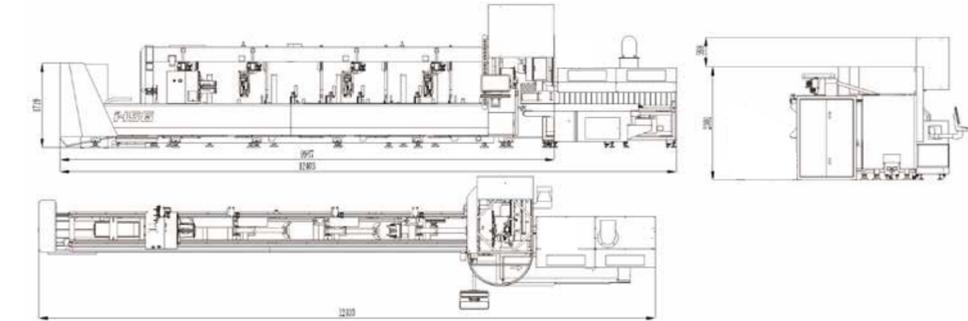


### Leapfrog Technique and Flying Cutting Technique

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

### Machine Foundation

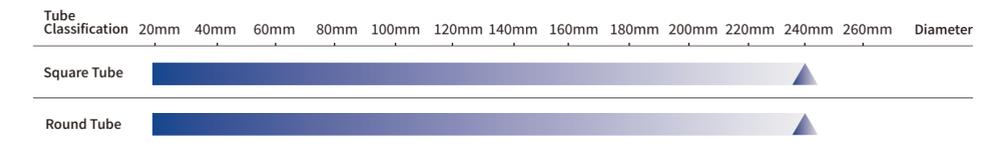
\*The marked size has about 10mm error  
\*The dimensions of the standard configuration of the machine are for reference only.  
Please refer to the three views of the order configuration for the actual machine dimensions.



### Cutting Samples



### Cutting Capacity



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