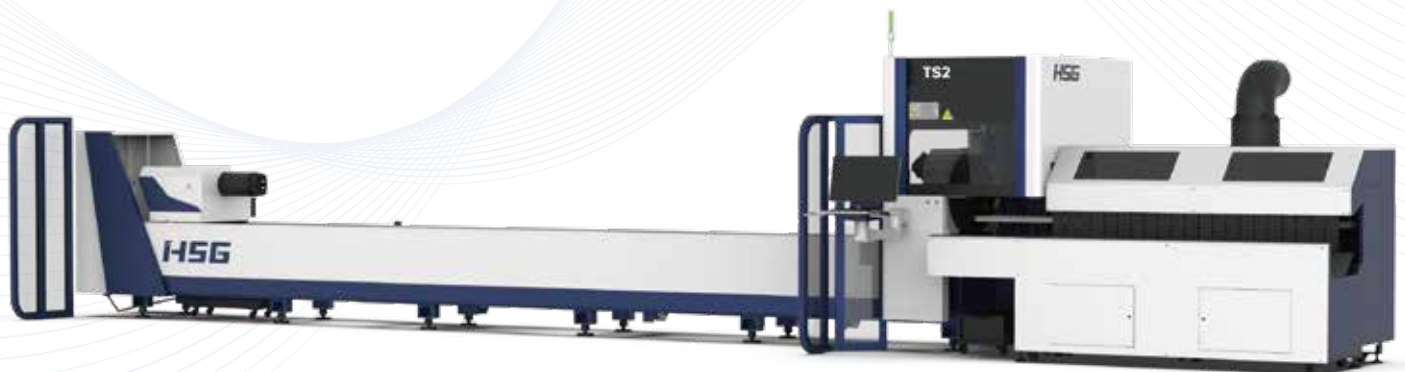




Cutting | Bending | Welding | Automation



TS 2

✦ Economical and High-speed Tube Laser Cutting Machine ✦

TS 2 1500-6000W

Economical and High-speed Tube Laser Cutting Machine



Technical Parameters

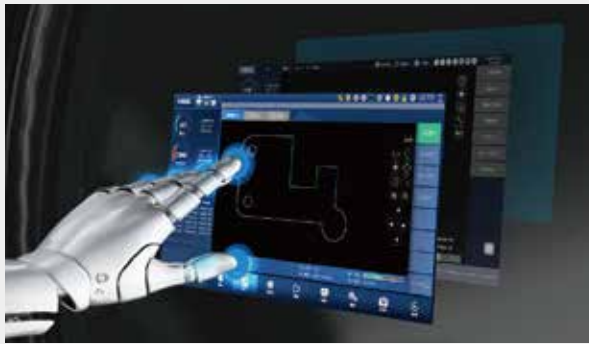
Technical Parameter	TS2
Power	1500-6000W
Rotating Speed of Chucks	100r/min
No-load Speed	328 FPM
Acceleration	1G
X/Y-axis Positioning Accuracy	±0.00118 IPM
X/Y-axis Repositioning Accuracy	±0.00118 IPM
*Tailing Length	Tailings in Single Chuck Clamping ≥ 3.35" / Tailings in Double-chuck Clamping ≥ 7.67"
Cutting Capacity	Round tubeΦ 0.787" - Φ9.45" / Square tubeΦ 0.787x 0.787" - Φ9.45 x 9.45" / Side length Φ 0.787" - Φ9.45"
Weight of Single Tube	441 lbs
Overall Dimensions(L*W*H) with Loading Racks	492" x 185" x 98.5"

*Suggested Tube Length in Single Chuck Clamping ≤ 19.68", Weight of Tubes ≤ 11 lbs.

* 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.

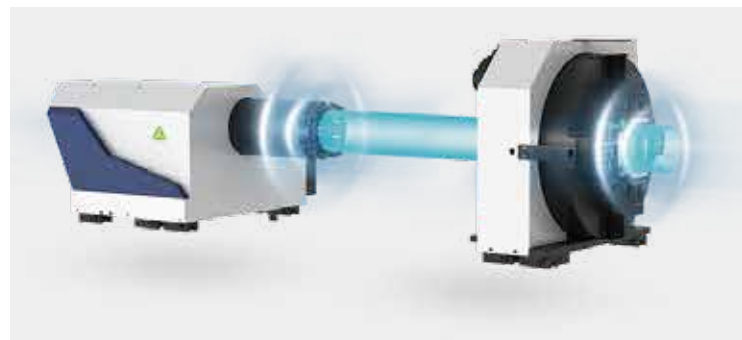


X9000 Bus-based Tube Cutting Control System

- 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





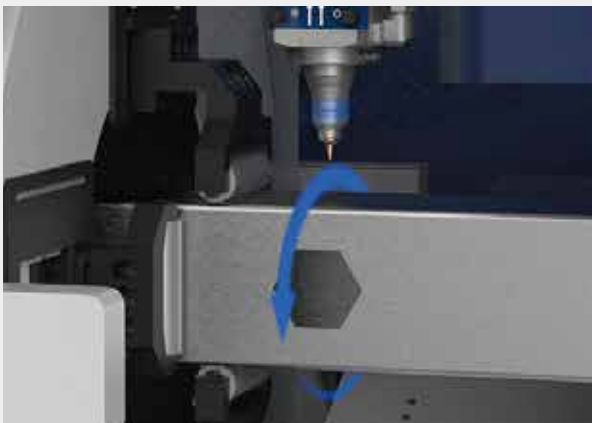
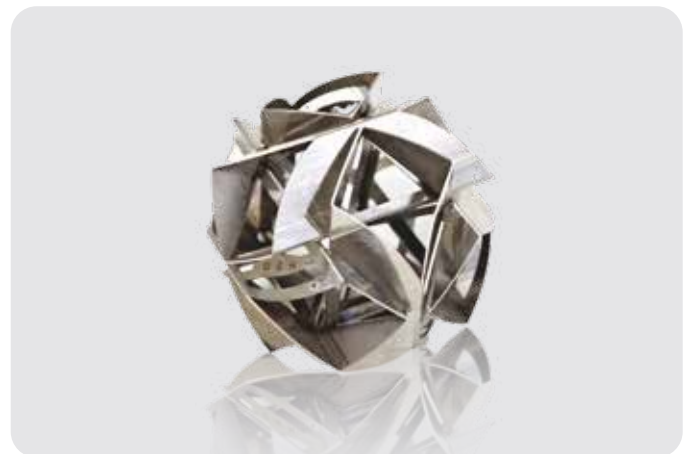
Powerful Functions Make You Never Spend Time Worrying

- 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.

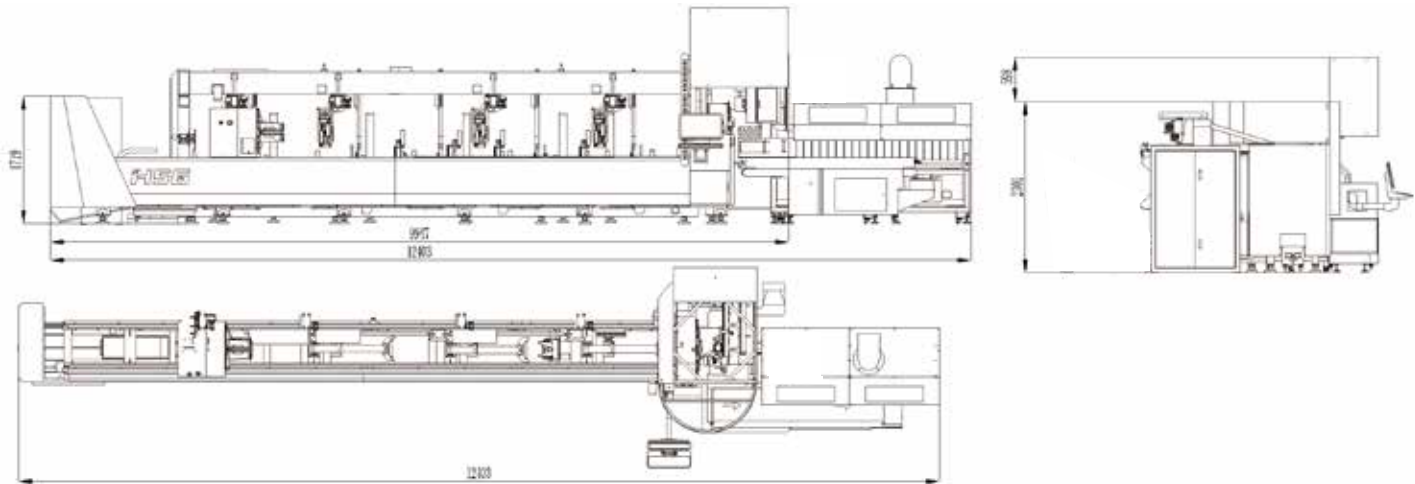


Leapfrog Technique and Flying Cutting Technique

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



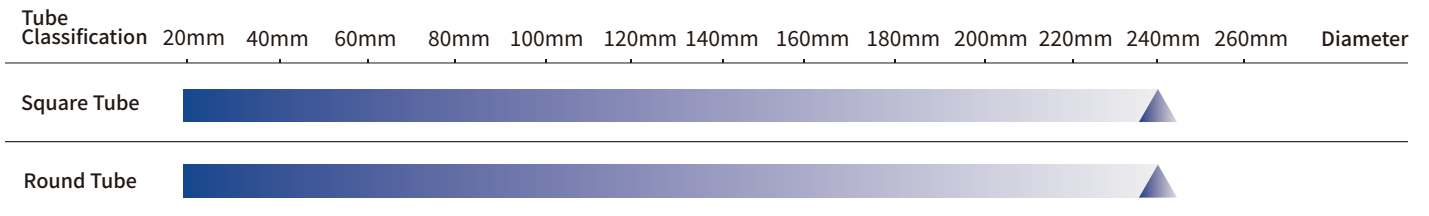
Machine Foundation *The marked size has about 10mm error



Cutting Samples



Cutting Capacity



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