



Cutting | Bending | Welding | Automation



TS

❖ 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



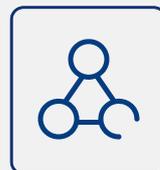
100+

Countries Covered



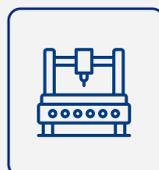
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Manufacturing Bases



30+

Global Service Centers



8,000+

Annual Capability



135,000m²

Occupied Area



TS 3000-6000W

High-speed Tube Laser Cutting Machine



Technical Parameters

Technical Parameter	TS65
Power	3000-6000W
Rotating Speed of Chucks	120r/min
Max. Linkage Speed	120m/min
Max. Linkage Acceleration	1.2G
X/Y-axis Positioning Accuracy	$\pm 0.03\text{mm/m}$
X/Y-axis Repositioning Accuracy	$\pm 0.03\text{mm}$
*Tailing Length	Tailings in Double-chuck Clamping Model $\geq 150\text{mm}$
Cutting Capacity	Round tube $\Phi 12 - \Phi 273\text{mm}$ Square tube $\square 12 * 12 - \square 200 * 200\text{mm}$ Rectangular diagonal $\leq 273\text{mm}$
Weight of Single Tube	200kg
Overall Dimensions(L*W*H) with Loading Racks	12500*4700*2600mm
**Safety Certification	TUV CE
The range of pipe material	1000-6500mm

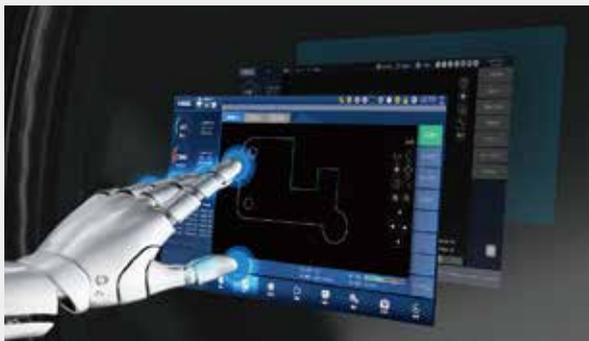
** This configuration is an optional item.

* 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.



Tube Clamping Technology

- HSG digital chucks can detect claws clamping status and tube sizes to achieve self adaptive adjustment of clamping force.





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.



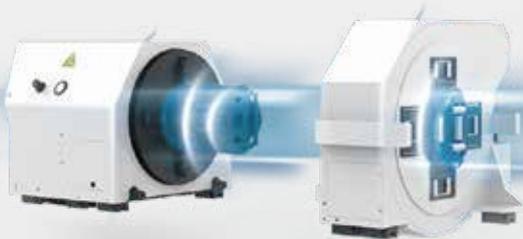
Tube Splicing Technology

- 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.

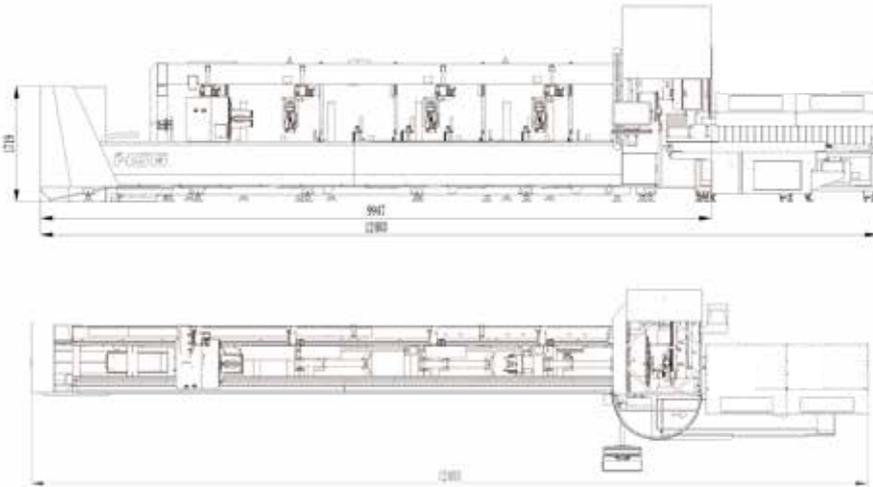


Cut Tubes at High Speed

- The chucks rotate and move at the speed of 120r/min and 120m/min respectively. With that, users will enjoy fast cutting, stable service and high production.



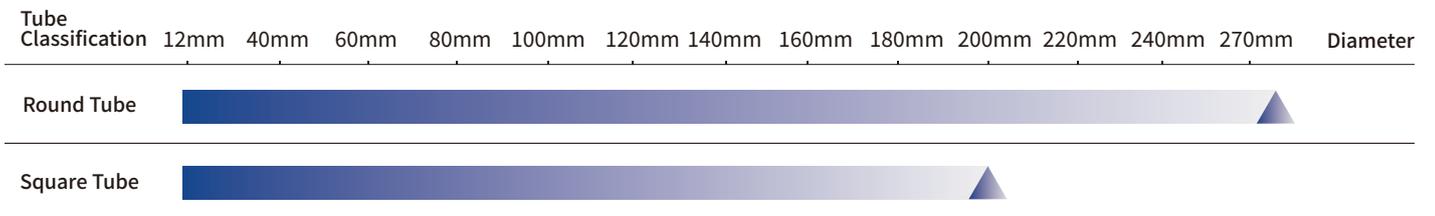
Machine Foundation *The marked size has about 10mm error



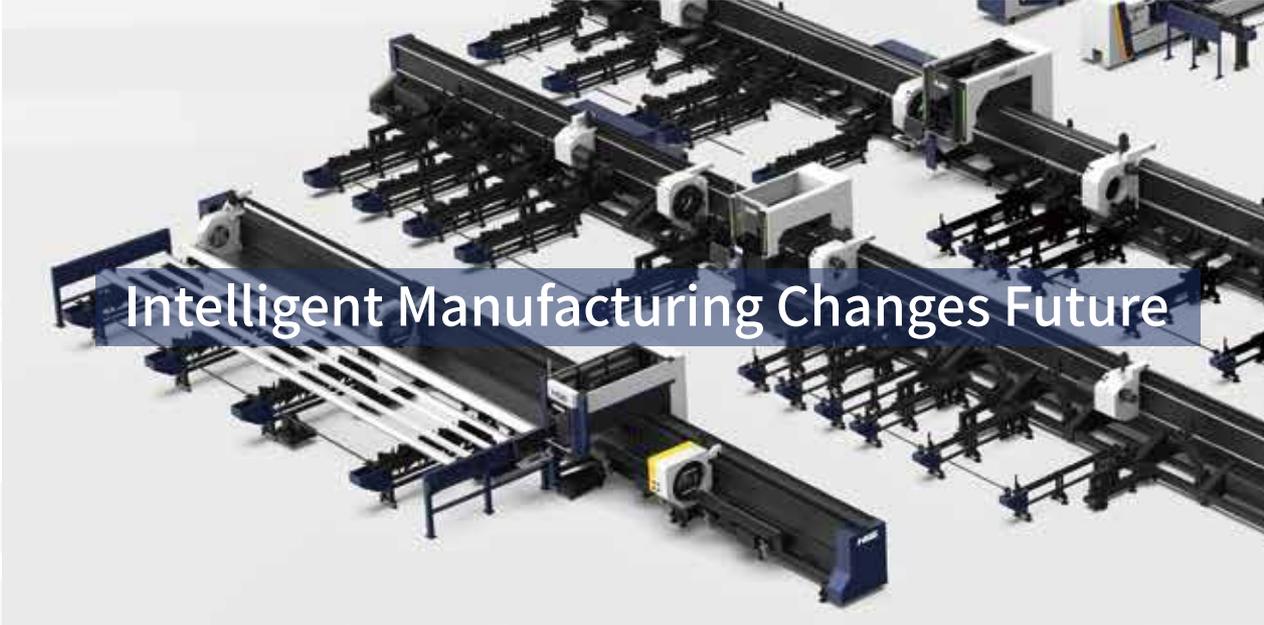
Cutting Samples



Cutting Capacity



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



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



Website



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