

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.



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TX

3+1 Twin-chuck Tube Laser Cutting Machine

Company Culture

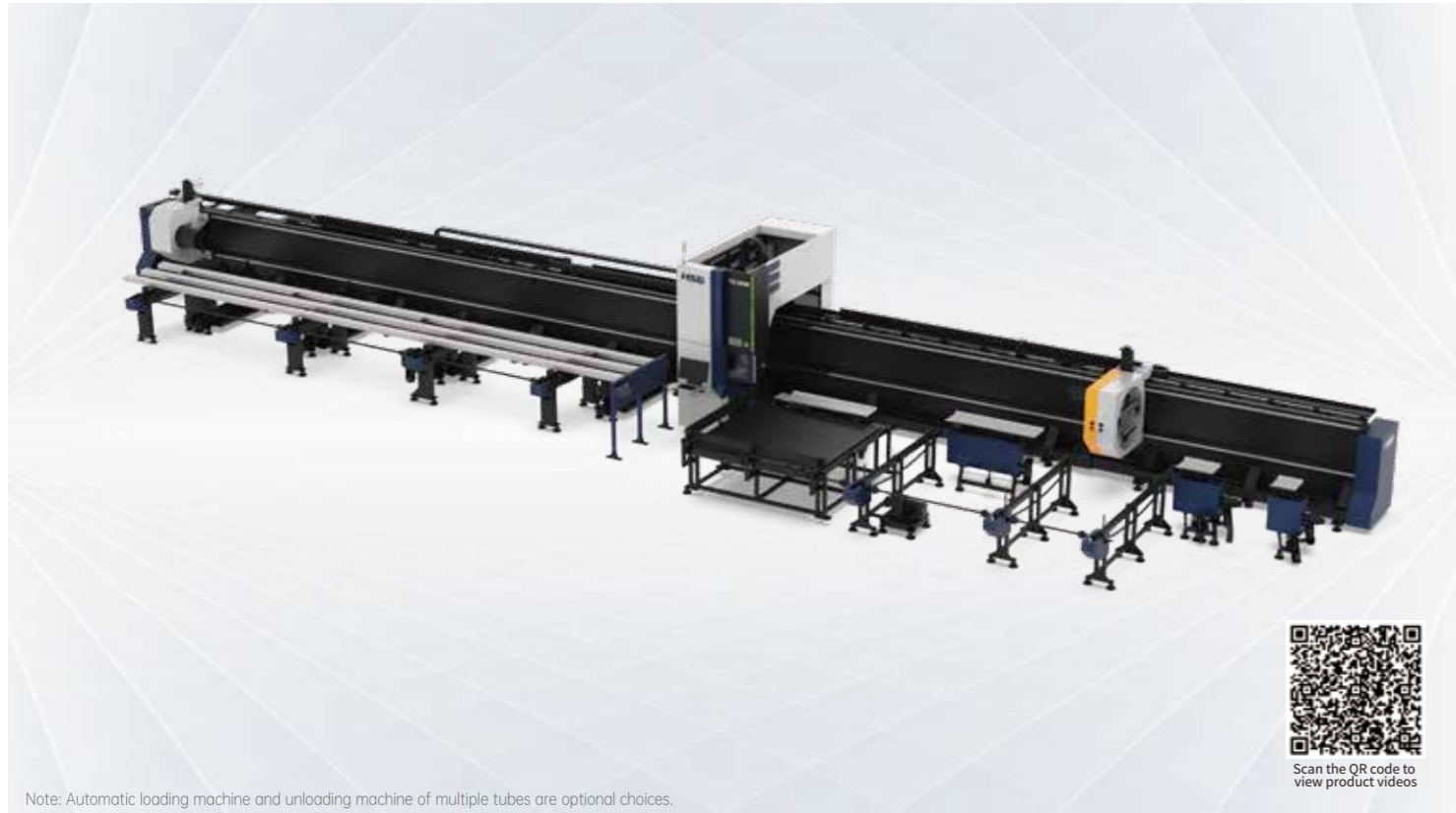
- SLOGAN**
Shape Metal, Shape Trust
- MISSION**
To support the high-speed growth of our customers
- VISION**
To be a world-leading provider of metal shaping equipments & comprehensive solutions

Company Profile

19 Global Branches	100+ Countries Covered	5 Manufacturing Bases	30+ Global Service Centers
8,000+ Annual Capacity	135,000m² Occupied Area		

TX 6000-20000W

3+1 Twin-chuck Tube Laser Cutting Machine



Note: Automatic loading machine and unloading machine of multiple tubes are optional choices.



Scan the QR code to view product videos.

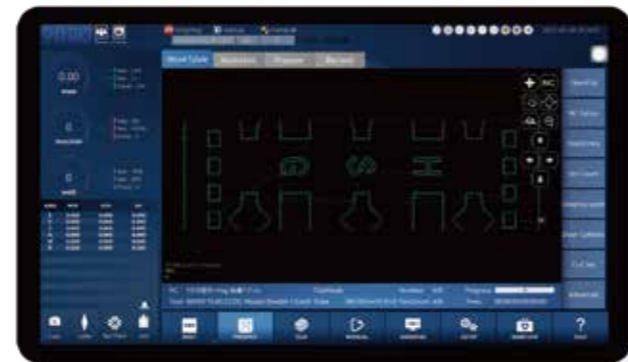
Technical Parameters

Technical Parameter	TX12050-9
Power	6000-20000W
Rotating Speed of Chucks	40r/min
Max. Linkage Speed	60m/min
Max. Linkage Acceleration	0.3G
X/Y-axis Positioning Accuracy	±0.05mm/m
X/Y-axis Repositioning Accuracy	±0.05mm
*Tailing Length	0mm
Cutting Capacity	Round tube Φ50 - Φ500mm Square tube □50*50 - □350*350mm Rectangular diagonal≤500mm
Weight of Single Tube	1500kg
Dimensions with Semi-Auto (L*W*H)	26000*5500*3800mm

*Only when the nesting material is reasonable can be achieved
* 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.



X9800 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.

3+1 Twin-chucks Clamping Cutting Technique

- The chucks are self-developed by HSG Laser and have got Chinese patent for invention. They not only address prevailing problems faced by two, three and other four chucks, but also offer global users heavy tube cutting solutions beyond expectation.
- Combine C3 and C4 chuck together with synchronous rotation and moving.
- Have functions of tube clamping, supporting and correction.
- Move at full stroke to break through existing technical barrier, that is, tubes loaded must be as long as machine body.



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

Follow-up Supporting Plate as Unloading Device Database (Optional)

- Follow-up turning plates are used for unloading ≤6000mm long tube and protect it from scratch.

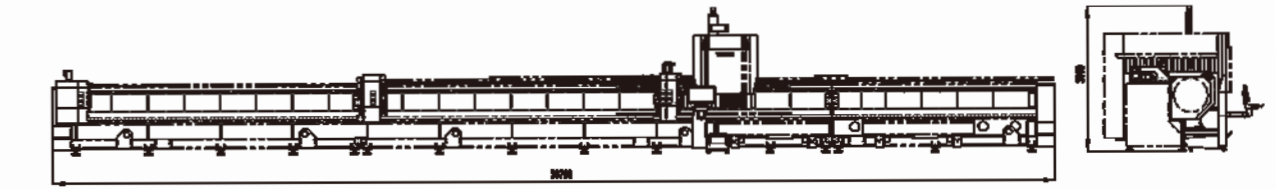


Tube Splicing Technology

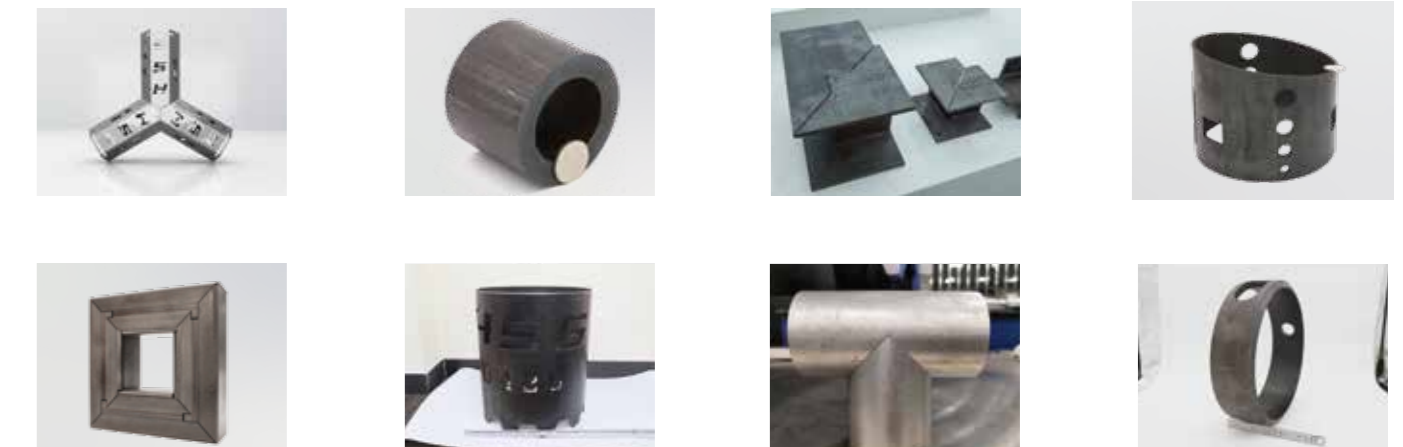
- The operating control offers 50+ kinds of tube splicing patterns, for convenience of subsequent welding, such as splicing of male and female head of square tube, 90° arc splicing, splicing of round tube tee, splicing of cut-through holes, 45° splicing of hexagon, splicing of angle iron and channel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

Machine Foundation

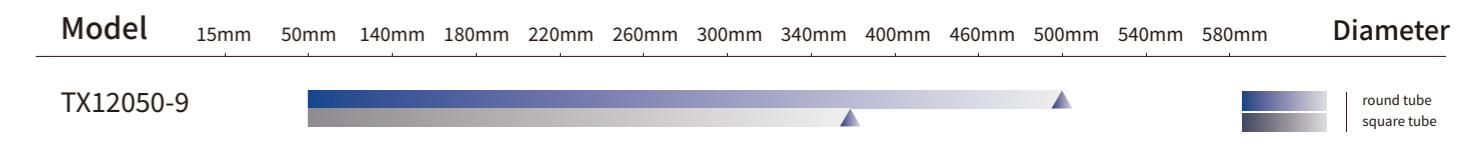
*The marked size has about 10mm error
*Pictures of TX120360II-6 are for reference only and subject to actual dimensions.
*The dimensions of the standard configuration of the machine are for reference only. Please refer to the three views of the order configuration for the actual machine dimensions.



Cutting Samples



Cutting Capacity



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