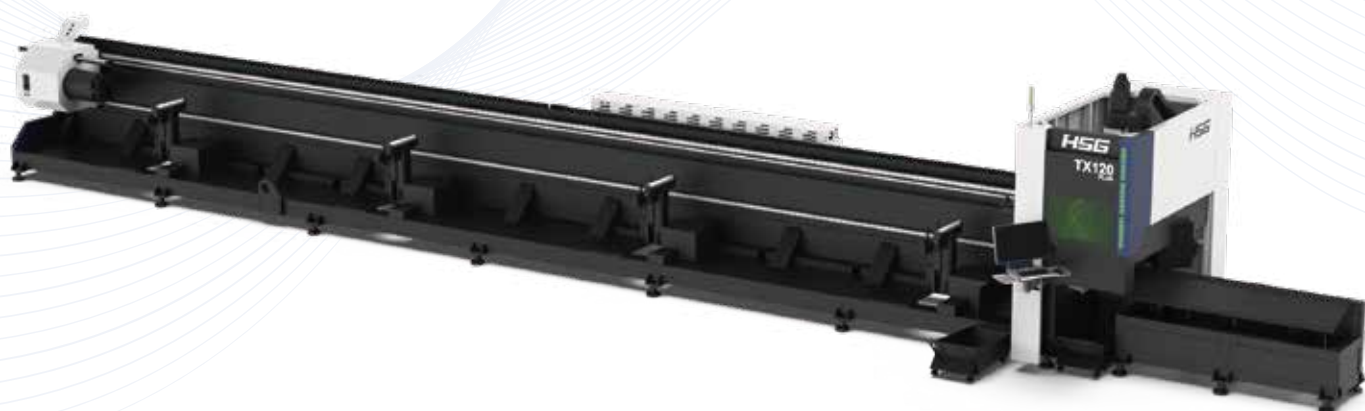




Cutting | Bending | Welding | Automation



TX PLUS

▣ Double-chucks Heavy-duty 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



13

13 branches/subsidiaries/
sub-subsidiaries across the world



100+

Serve 100+countries and
regions



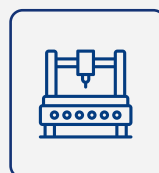
4

Manufacturing Bases in
China



30+

Global service outlets



8000+Sets
of Annual Output

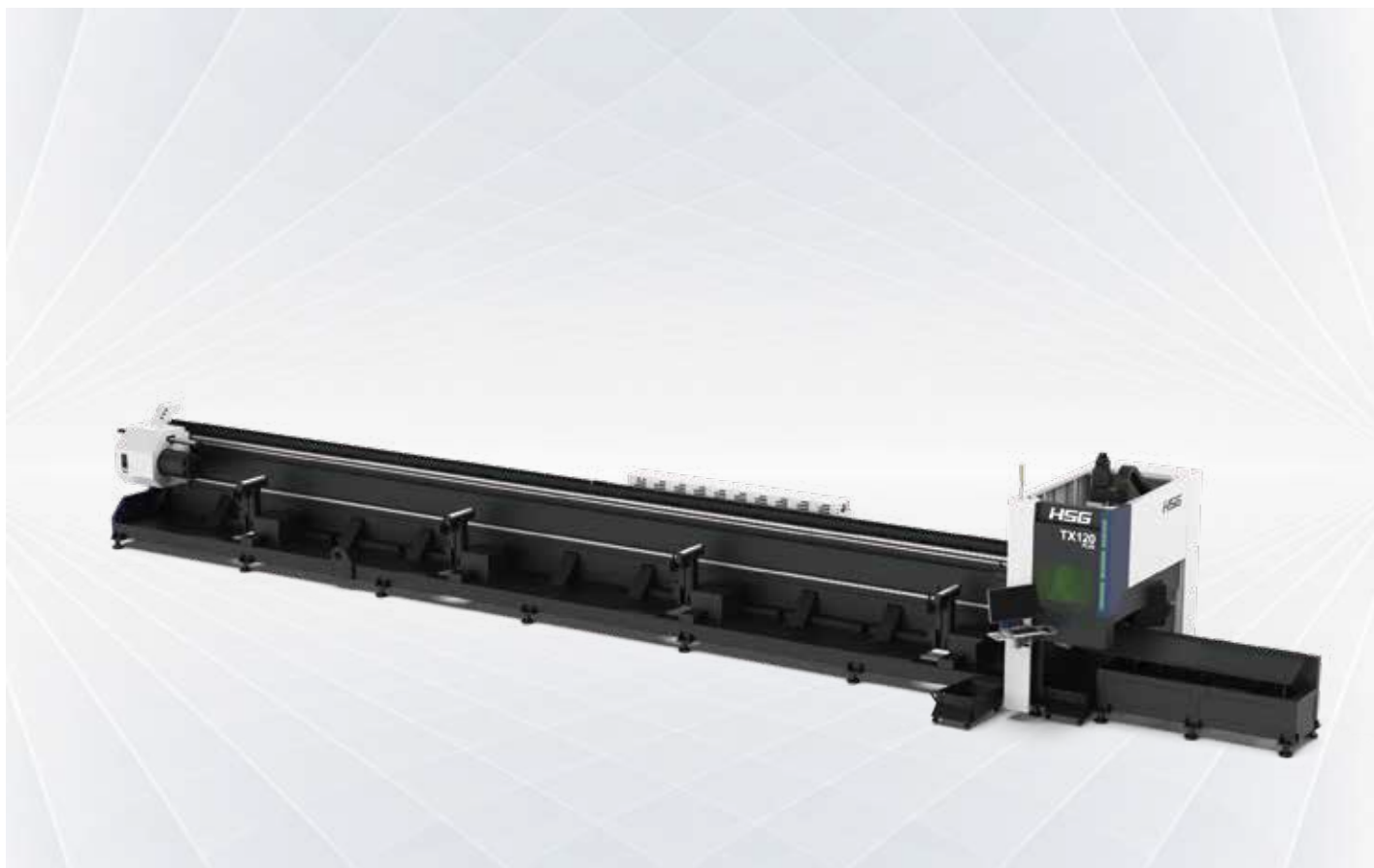


96000m²
Occupied Area



TX PLUS 3000-6000W

Double-chucks Heavy-duty Tube Laser Cutting Machine



Technical Parameters

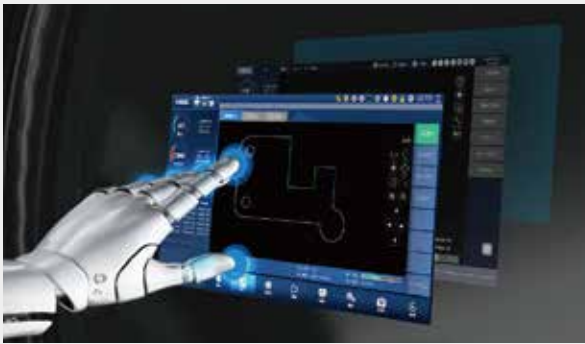
Technical Parameter	TX65 PLUS	TX90 PLUS	TX120 PLUS
Power	3000-6000W	3000-6000W	3000-6000W
Rotating Speed of Chucks	60r/min	60r/min	60r/min
No-load Speed	80m/min	80m/min	80m/min
Acceleration	0.6G	0.6G	0.6G
X/Y-axis Positioning Accuracy	±0.05mm/m(±0.0019")	±0.05mm/m(±0.0019")	±0.05mm/m(±0.0019")
X/Y-axis Repositioning Accuracy	±0.03mm (±0.00118")	±0.03mm (±0.00118")	±0.03mm (±0.00118")
*Tailing Length	≥110mm(4.33")	≥110mm(4.33")	≥110mm(4.33")
Cutting Capacity	Round tubeΦ20 - Φ360mm (0.78"-14.13") Square tube□20*20 - □360*360 (0.78"-14.13") side length 20-360mm (0.78"-14.13")	Round tubeΦ20 - Φ360mm (0.78"-14.13") Square tube□20*20 - □360*360 (0.78"-14.13") side length 20-360mm (0.78"-14.13")	Round tubeΦ20 - Φ360mm (0.78"-14.13") Square tube□20*20 - □360*360 (0.78"-14.13") side length 20-360mm (0.78"-14.13")
Weight of Single Tube	1000kg	1000kg	1000kg
Overall Dimensions(L*W*H) with Loading Racks	11000×4000×2800mm (36.08'*13.12'*9.18')	13500×4000×2800mm (44.29'*13.12'*9.18')	16500×4000×2800 (54.13'*13.12'*9.18')

*Single chuck clamping can be achieved, in the case of reasonable nesting material.

* 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.

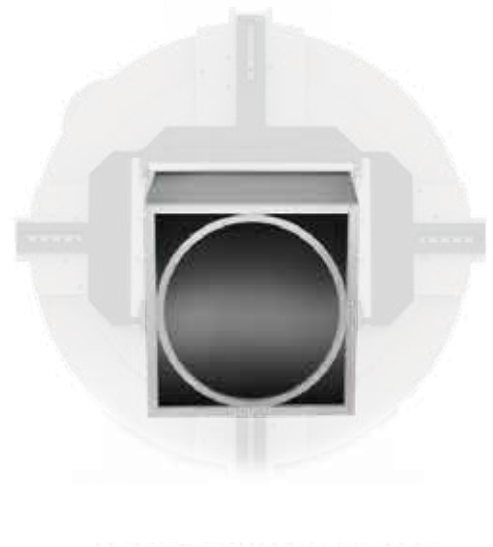


X9000 Bus-based Tube Cutting Control System

- 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.

Professional and Scientific Chucks

- The chucks of TX Plus III are equipped with standard H-beam clamping jaw which has a high grasping ability. These chucks achieve stable tube cutting and improve cutting quality.
- Rectangular-circle tube during whole process
Sealing chucks are designed to solve dust problems during processing and improve the working life of chucks.





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

- Follow-up turning plate used for unloading $\leq 3000\text{mm}$ long tube and protect it from scratch.



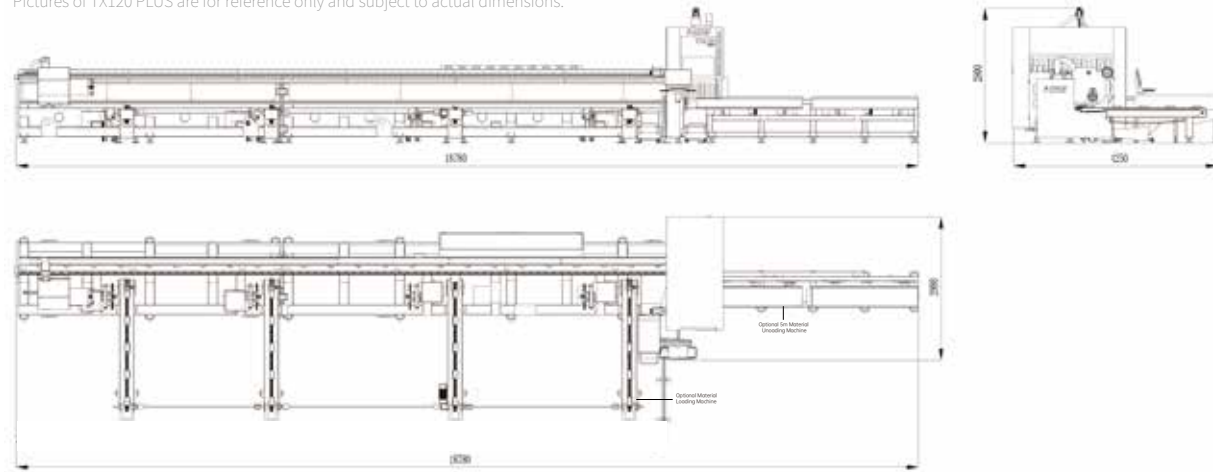
Lateral Hung Type Chucks

- Lateral Hanging Type Chucks are used for TX Plus III for convenient loading.
- Lateral Hanging Type Chucks also can decrease the gravity center of the tube to enhance cutting stability and ensure high-quality cutting result.

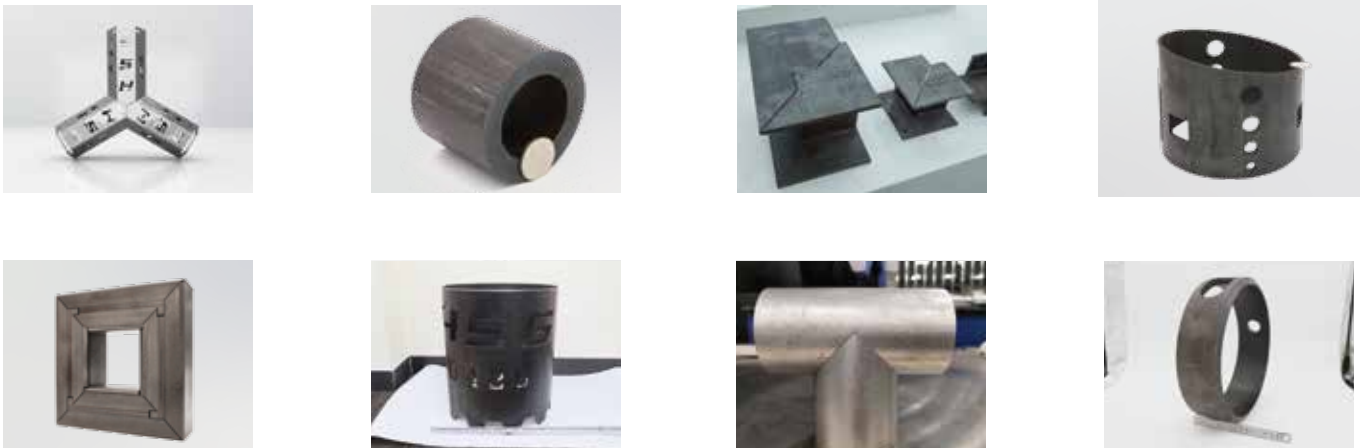


Machine Foundation

*The marked size has about 10mm error
 *Pictures of TX120 PLUS are for reference only and subject to actual dimensions.



Cutting Samples



Cutting Capacity

Model	20mm	60mm	100mm	140mm	180mm	220mm	260mm	300mm	340mm	380mm	420mm	460mm	500mm	Diameter	
TX65PLUS	[Progressive bar from 20mm to 380mm]										▲			square tube round tube	
TX90PLUS	[Progressive bar from 20mm to 380mm]										▲				
TX120PLUS	[Progressive bar from 20mm to 380mm]										▲				

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 service and free operation training for customers and dealers in time



Efficient Support

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



Optimized Transport

Multi-channel transport solutions and professional transport solution team will provide various transport cases for to satisfy the demand of customers and save transports fees



Sufficient Accessories

Highly efficient accessories delivery service, multiple network inventory jointly responds to accessories demand to shorten customer's waiting times and accelerate production



Careful Services

Domestic door-to-door service and free proofing, global 100+dealers provide efficient and convenient services



Intelligent Manufacturing Changes Future



Website



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