

T

Three-chuck Tube Fiber Laser Cutting Machine

RELIABLE 3-CHUCK CUTTING FOR MID-SIZE TUBE SOLUTIONS



Laser Power

3-6kW

Cutting Range of Tube

20-240mm
(T2)

Max. Linkage Speed

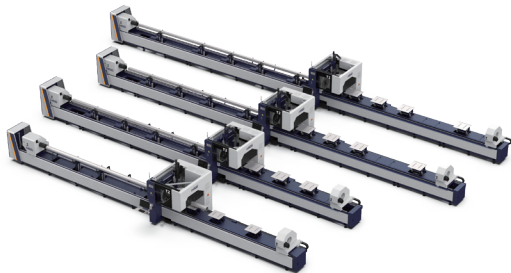
100m/min

Cutting Head

3D (Optional)

PRODUCT OVERVIEW

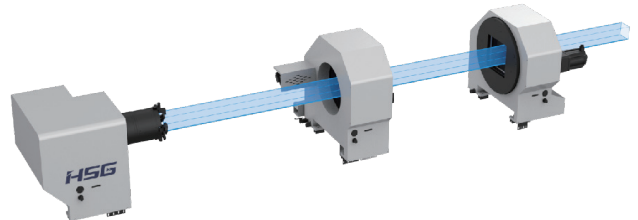
Designed for Mid-Size Tubes Cutting



The T-Series supports tubes with a radius of 20-240mm (T2) or up to 350mm (T3), offering a significantly expanded processing range. Its advanced three-chuck design ensures greater load-bearing capacity, enables zero-tail cutting, and facilitates seamless automatic cutting of finished products. This state-of-the-art solution meets diverse processing needs while maximizing cost efficiency for customers.

TYPICAL PROCESSING

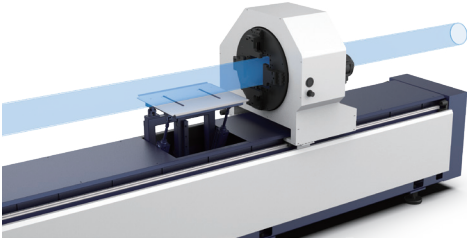
Durable Dual Front, Single Rear Chuck Structure



The durable dual-front, single-rear chuck design provides comprehensive clamping and support for tubes, greatly enhancing load-bearing capacity. This design ensures a smoother cutting process while delivering outstanding cutting precision.

SAVE YOUR COST

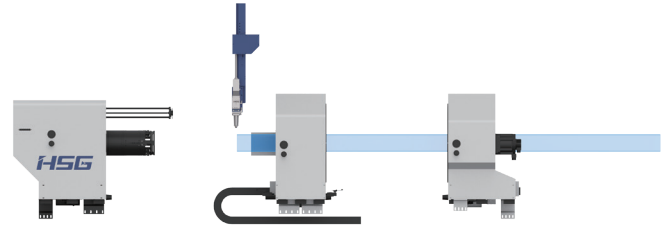
Full-Length Tube Loading and Unloading



The hollow chuck design allows tubes to pass through effortlessly, enabling the loading and unloading of entire tubes. This design increases the maximum tube length capacity, with automatic blanking lengths reaching up to 6m.

SAVE YOUR COST

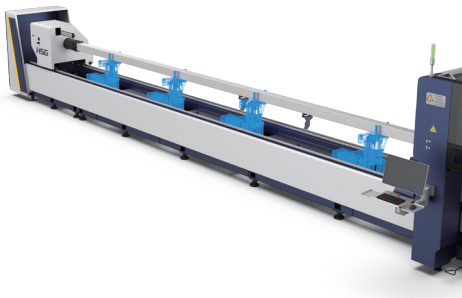
Maximize Material Saving



The chuck's forward and backward movement automatically adjusts the tube's position, achieving zero tailings during cutting. This maximizes tube utilization and reduces material costs.

IMPROVE THE PRECISION

High-precision Cutting With Independent Servo Follow-up Support



T series equipped with 8 highly sensitive, independent servo follow-up support components. These components provide robust support during tube cutting, ensuring precision and stability.

SAVE YOUR TIME

Multi-functional Loading Rack for Fast Loading (Optional)



Optional multifunctional loading frame can fulfill the automatic loading of 6-9 meters round tube, square tubes, steel sections and other tubes, achieving rapid loading of tubes, saving labor costs and improve productivity.

CARE YOUR SAFETY

Additional Safety Protection (Optional)

- > Equipped with a top cover for enclosed processing to reduce smoke and maintain a clean working environment.
- > The safety light curtain will prevent any possible collision with human body and protect both workers and the machine well.



TECHNICAL PARAMETERS

Model	T2	T3
Laser Power	3-6kW	3-6kW
Cutting Capacity of Round Tube / Square Tube	φ20mm-240mm / □20×20-□240×240mm	φ40mm-350mm / □40×40-□350×350mm
Weight of Single Tube	300kg	600kg
Max. Linkage Speed	100m/min	80m/min
Max. Linkage Acceleration	1G	0.8G
The Range of Tube Material	1000-7000mm	1000-9000mm

*Information and images are for reference only. Final specifications and terms are subject to the contract and may change without notice.