

Versatile Fiber Laser Tube Cutting System



T6200

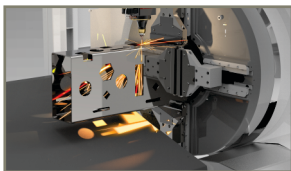
T6200

Introducing a new way to process Laser Cutting on tubes with T6200. The system is a unique combination of SLTL Group's proprietary Laser Technology and a robust mechanical structure designed by in-house R&D team. We re-imagined the whole conventional tube cutting process and developed T6200, providing a complete solution to the complex industrial needs. This dedicated Laser Tube Cutting System is to provide extreme precision, productivity, and quality. With a dedicated Laser Tube Cutting system, the company aims to achieve superior results for the tube processing industry.

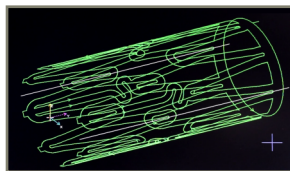
Specification

Max. Pipe Cutting Length	6000 mm
Cutting Diameter	Round $\varnothing 20\text{-}\varnothing 200$ mm
	Rectangle/Square 150x150 mm
X-axis travel	450 mm
Y-axis travel	6500 mm
Z-axis travel	180 mm
Max. Job Weight	160 kgs
Master Chuck (B1-Axis)	Dia. Size 200 mm
	Operation Manual/Auto
Slave Chuck (B2-Axis)	Operation Manual/Auto
X,Y axis positioning accuracy	$\pm 0.05/1000$ mm
X,Y axis repeatability accuracy	$\pm 0.03/1000$ mm
Acceleration	10 m/s ²
X axis Max. Running Speed	45 m/min
Y axis Max. Running Speed	70 m/min
Max. Turning speed (W-axis)	80 rpm
Laser Power	1,2,3,4 kW
Controller	Tube-Pro

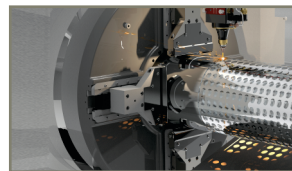
Advantages



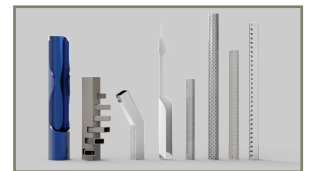
Designed for Precision: The system is capable of delivering excellent edge quality, efficient cutting and cost effective processing.



Advanced Software: The software provides flexibility for users to add, change or delete programs on the go.



Robust Chuck with integrated rotary axis: The chuck system is perfectly calibrated to attain high machining accuracy by avoiding any torsional stress in the tube.



More shapes and materials: T6200 can process special sections and even open shapes. It could work smoothly on materials like SS, MS, Al, Cu, Br, Gi and more.

CE An ISO 9001: 2015 certified company

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Features

- **Enhanced 3D cutting with 360° flexibility**
- **CNC controlled intelligent self-centering**
- **Floating Tube Support and Horizontal Tube Clamping**
- **Compact System with Excellent Throughput**
- **Enclosed workstation for work safety**
- **Ergonomic and Proficient System**
- **Global standard components for easy service and maintenance**
- **Dynamic fume extractor for environment friendly operation**

Optional

- Bevel Cutting Head
- Auto Loading Mechanism

