

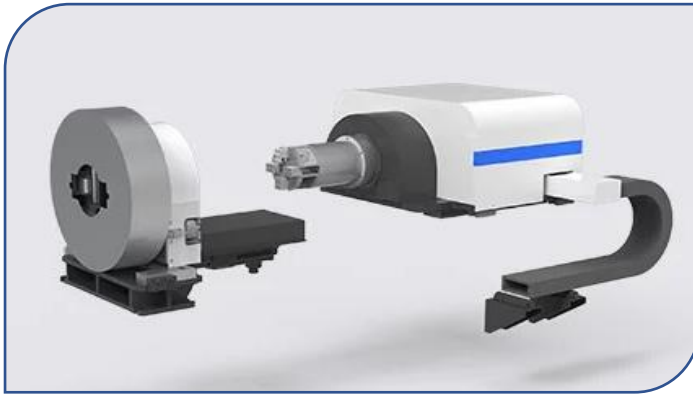
Ultra High Speed Laser Tube Cutting Machine



SF6016T metal tube laser cutting machine is also called tube laser cutting machine, it is used for cutting round tube, square tube and other metal tube. Any processing range of pipes 6500mm * $\phi 10 \sim 160$ mm.



Detailed Images



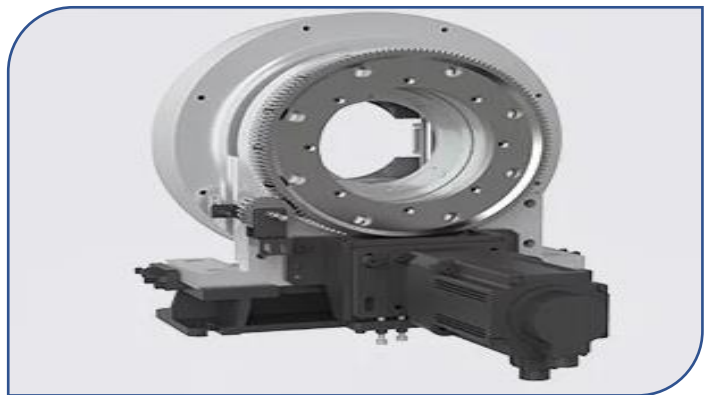
Double Chuck Clamping

Clamping round tube $\phi 10 \sim 160 \text{mm}$. Servo motor and reducer are driven synchronously to ensure processing accuracy.

Both front and rear chucks are pneumatically tightened.

Gear Drive

High transmission efficiency, high accuracy, stable and long service life.



Stable Machine Bed and Gantry Structure

Machine bed and the gantry structure adopt plate welding structure.

After heat treatment and annealing to remove stress, the structure is stable and the rigidity is good.



Automatic Loading and Unloading System (optional)

It can be equipped with automatic loading and unloading system, 6 meters of pipe bundles, intelligent sorting, efficient feeding, high degree of automation, saving labor cost and improving working efficiency.



Technical Parameters

Model	SF6016T
Pipe processing range	6500 mm. * $\phi 10 \sim 160$ mm. (Square Tube 10 * 10 ~ 110 * 110 mm.)
X-axis Travel	1600mm.
Y-axis Travel	6000mm.
Z-axis Travel	220 mm.
Laser Power	1KW/ 1.5KW/2KW/3.3KW/4KW
Maximum Speed	170m/min
Maximum Acceleration	1.2G
Maximum Rotational Speed	125r/min
X/Y Axis Positioning accuracy	$\pm 0.03\text{mm/ m}$
X/Y Axis repeated positioning	$\pm 0.03\text{mm}$
CNC System	CYPTUBE (For cutting metal pipes)
Machine weight	3350 KG.
Outline Size	9221*1145*2246 mm

Quick Details

Brand Name	SENFENG
Place of Origin	CHINA
Application	Laser Cutting
Graphic Format Supported	AI,BMP,DST,DXF,PLT,LXD,DXG
Laser Head Brand	RAYTOOLS/SENFENG
Laser Source Brand	RAYCUS/IPG
Cooling Model	Water Cooling
Auxilliary Gas for Cutting	Oxygen (O2) / Nitrogen (N2)
Working Voltage	AC380V./50Hz. or 60Hz.
Warranty	2 YEARS

Application & Capability

Round tube-Square tube .

Special machine used for Carbon steel , Stainless steel, alloy, aluminum, brass, copper, galvanized steel, silicon steel sheet, electrolyte sheet, titanium alloy, manganese alloy and other metals.



Related industries

Metal tube fiber laser cutting machine widely used in furniture, medical equipment, fitness equipment, oil pipelines, exhibition equipment, engineering machinery, bus manufacturing, locomotive manufacturing, agricultural and forestry machinery, bridges, ships, structural parts, household appliances manufacturing and other industries.



Metal Tube Cutting



Advertising Board



Metal Plate



Decorative Lighting



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Water Pipe



Contacts



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