

Affordable Models (Tube Laser Cutting Machines)

Two Chucks

Laser power: 1.5-6kW

Tube size: 10-360mm

- ✔ Intelligent bus-based CNC system, with fast and stable data transmission
- ✔ Precision pneumatic chucks for the shorter tailing
- ✔ One-step beveling within 45°
- ✔ Follow-up/vari-pitch support to prevent long tube from shaking
- ✔ Automatic loading & unloading devices as optional accessories



Model	T Series	CT Series
Laser Power (kW)	1.5-6	3-6
Max Length of Tube (mm)	6000	6000
Scope of Tube Size (mm)	Round tube: Φ 10~360	Square tube: \square 10*10~360*360
Max Weight of Tube (kg)	150-500	250-700
X/Y-axis Positioning Accuracy (mm)	± 0.05	± 0.05
X/Y-axis Repositioning Accuracy (mm)	$\pm 0.02 \sim \pm 0.03$	$\pm 0.02 \sim \pm 0.03$
Max No-load Speed (m/min)	60-100	60-75
Max Acceleration (G)	0.6-1.2	0.6-0.8
Max Rotating Speed of Chucks (r/min)	60-140	60-100
45° Beveling	No	Yes
Overall Dimensions (L*W*H, mm)	8900*2100*2100/9260*1900*2280 9260*1900*2280/9500*2050*2550	10200*2280*2530

Better Models (Tube Laser Cutting Machines)

Three Chucks

Laser power: 1.5-20kW

Tube size: 20-360mm

- ☑ Three chucks with full stroke, zero tailing and higher material utilization
- ☑ Efficient nesting software to minimize tube waste
- ☑ Horizontal/side-attached machine tool bed, with large loading capacity
- ☑ Come standard with automatic loading & unloading devices featured by servo control and fast response
- ☑ One-step beveling within 45° (optional)



Model	ST Series	NT Series
Laser Power (kW)	6-20	1.5-6
Max Length of Tube (mm)	9000-12000	6000-12000
Scope of Tube Size (mm)	Round tube: $\Phi 20\sim 360$ Square tube: $\square 20\sim 20\sim 360\sim 360$	Round tube: $\Phi 20\sim 360$ Square tube: $\square 20\sim 20\sim 360\sim 360$
Max Weight of Tube (kg)	1200	250-1000
X/Y-axis Positioning Accuracy (mm)	$\pm 0.1/10000 \pm 0.05$	± 0.05
X/Y-axis Repositioning Accuracy (mm)	$\pm 0.03 \sim \pm 0.05$	± 0.03
Max No-load Speed (m/min)	60	60-75
Max Acceleration (G)	0.6	0.6-0.8
Max Rotating Speed of Chucks (r/min)	60	60-100
Overall Dimensions (L*W*H, mm)	21500*7000*4500/22000*7200*4150	13350*2750*2615/13500*2750*3390 16500*2750*2615

High-end Models (Tube Laser Cutting Machines)

Four Chucks

Laser power: 6-20kW

Tube size: 50-500mm

- ✔ Four heavy chucks used for zero tailing
- ✔ Cut large-diameter, ultra-long and extra-heavy tube
- ✔ Come standard with automatic loading & unloading devices featured by servo control and fast response
- ✔ Side-attached machine tool bed with large loading capacity
- ✔ One-step 45° beveling (optional)



Model	HT Series
Laser Power (kW)	6-20
Max Length of Tube (mm)	12000
Scope of Tube Size (mm)	Round tube: Φ 50-500 Square tube: \square 50*50~500*500
Max Weight of Tube (kg)	2000
X/Y-axis Positioning Accuracy (mm)	$\pm 0.1/10000$
X/Y-axis Repositioning Accuracy (mm)	± 0.05
Max No-load Speed (m/min)	40
Max Acceleration (G)	0.3
Max Rotating Speed of Chucks (r/min)	40
Overall Dimensions (L*W*H, mm)	29000*7200*4150

Special Model (Tube Laser Cutting Machines)

Cut Heavy-duty H Beam

Laser power: 12-30kW

Working area: 28000*3000mm

- ✔ Special for cutting large H beam, also deal with T-shaped, channel and I beam
- ✔ 6 functions incl. marking, web piercing, overlaid hole cutting, beveling, cutoff, sheet cutting
- ✔ Both straight cutting and beveling that facilitates later welding
- ✔ Double work stations, custom-made as needed, make it easy to load and unload
- ✔ Multiple H beam/sheet cutting tables available (optional)



Model	SF1500CH
Laser Power (kW)	12-30
Working Area (L*W, mm)	28000*3000
Max Width of H Beam (Web, mm)	1200
Max Height of H Beam (Flange Slab, mm)	500
Max Thickness	≤50mm (straight cutting) ≤35mm (flange slab beveling)
X/Y-axis Positioning Accuracy (mm)	±0.1
X/Y-axis Repositioning Accuracy (mm)	±0.05
Max No-load Speed (m/min)	50
Overall Dimensions (L*W*H, mm)	35670*5900*3030
Power Supply	Three-phase 380V, 50Hz/60Hz (custom-made)