

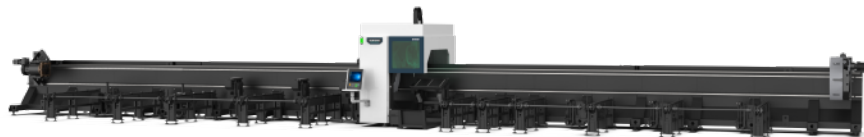
Tube Laser Cutting Machines

ST Series

Laser power: 6-20kW

Tube size: 50-500mm

- ✓ Three chucks with full stroke, zero tailing and higher material utilization
- ✓ Use innovative dynamic 7-axis tube pulling function to correct tube deformation
- ✓ Efficient nesting software to minimize tube waste
- ✓ Side-attached machine tool bed featuring triangular and three-section structure, with large loading capacity
- ✓ Come with automatic loading & unloading devices to realize servo control and fast response



12050ST

Model	ST Series
Laser Power (kW)	6-20
Max Length of Tube (mm)	9000-12000
Scope of Tube Size (mm)	Round tube: $\Phi 50-500$
Max Weight of Tube (kg)	Square tube: $\square 50 \times 50-500 \times 500$
X/Y-axis Positioning Accuracy (mm)	1000-2000
X/Y-axis Repositioning Accuracy (mm)	$\pm 0.1/10000 - \pm 0.05$
Max No-load Speed (m/min)	$\pm 0.03 - \pm 0.05$
Max Rotating Speed of Chucks (r/min)	40-60
$\pm 45^\circ$ Beveling	Yes (optional)
Tube Supports	Follow-up supports
Loading & Unloading Devices	Semi-automatic loading device/6m long unloading device (or 9-12m long as optional)
Overall Dimensions (L*W*H, mm)	18000*7000*4500/21500*7000*4500/22000*7200*4150