

Ultra Heavy Four-chuck Tube Laser Cutting

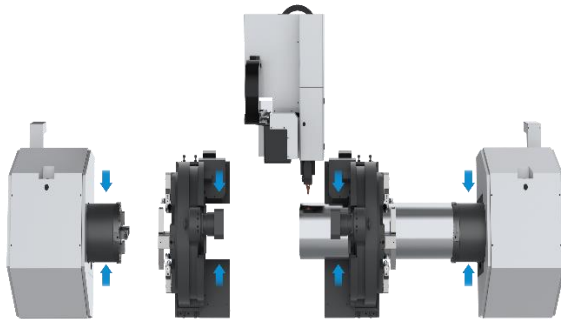


Ultra Heavy Four-chuck Tube Laser Cutting Machine

SF12038HT tube laser cutting machine is designed for ultra heavy tubes and profiles with laser power ranging from 3kW to 6kW. With its side-attached machine bed, it can achieve better stability, larger loading capacity and greatly improve shock resistance to ensure higher cutting accuracy. Four-chuck can be used for cutting in reversed ways to realize the whole pipe processing of long tubes and achieve zero tailings for larger material utilization and cost-saving.



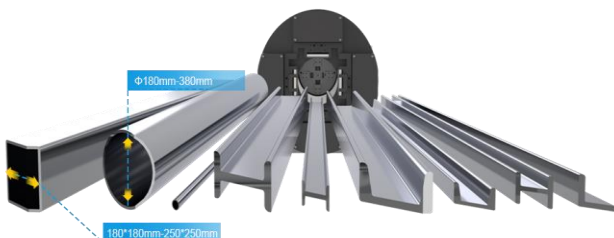
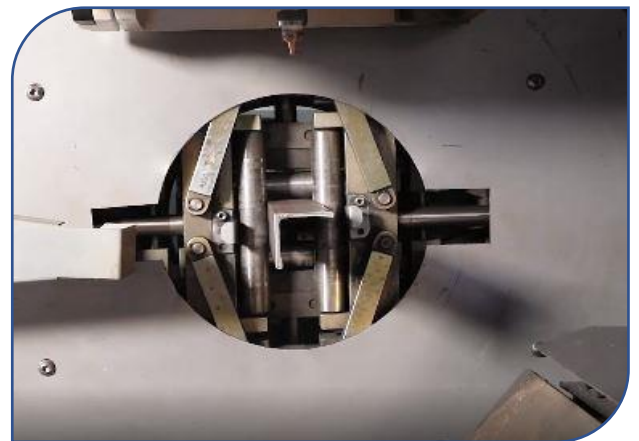
Detailed Images



Fast and accurate tube cutting

With advanced CNC bus system applied to 4-chuck delivering structure and Tubest 3D nesting software,

Three-jaw clamping: Using movable double-sided chuck to achieve true zero tail value with strong clamping force. There will be no loosening or slipping of long and heavy pipes, which can provide more stable feeding and more accurate cutting.



Wide range of processing capability

It can process round pipe, square pipe, rectangular pipe, L, U and H profiles

Dimension: round pipe Φ 180mm-380mm, square pipe side length 180*180mm-250*250mm

Single tube maximum weight: 1T

Technical Parameters of Ultra Heavy Four-chuck Tube Laser Cutting Machine

Model	SF12038HT
Pipe processing range(mm)	12000* φ180~380 (Square tube: 180*180~250*250)
Laser Power(kw)	3/4/6
Maximum Speed(m/min)	30
Positioning Accuracy(mm)	±0.05
Repeated Positioning Accuracy(mm)	±0.02
Maximum Rotational Speed(r/min)	30
Maximum acceleration(G)	0.3
Table Maximum Load(KG)	1000
Machine Total Weight(KG)	28000

What is the thickness can a metal tube laser cutting machine cut ?

Material	3kw	4kw	6kw
Carbon steel (mm)	1-16	1-18	1-18
Stainless steel (mm)	1-8	1-12	1-12
Aluminum (mm)	1-6	1-8	1-8

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Application Materials

Cutting material: Carbon steel, stainless steel, aluminum alloy, brass, copper, galvanized steel, silicon steel, electrolytic steel, titanium alloy, manganese alloy, etc

Application industries: Ultra heavy tube cutting machine is widely used in aerospace, metal fabrication, machine manufacturing, rail transport, automobile manufacturing and food machinery.





Contacts

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