

TP SERIES THREE CHUCK FIBER LASER TUBE CUTTING MACHINE



International Technology • Australian Service

Standard Three Chuck, Zero Tail Material, Professional Laser Tube Cutting Machine

Hymson TP Series three chuck laser tube cutting machine increases your productivity and benefit. The whole machine is highly precise and stable; with the three chuck technology, the processing of long tubes and heavy tubes becomes easy. Zero tail cutting means making full use of materials.



Side-hanging Super Strong Machine Body

• The main machine body adopts the honeycomb welding structure, and annealing treatment is adopted to eliminate internal stress after welding to achieve high tolerance and stability. With the side wall hanging structure design, the automatic loading and unloading of different long tubes and heavy tubes are convenient and fast, and the cutting accuracy is effectively guaranteed.

Follow-up Auxiliary Support

• The auxiliary support adopts servo follow-up to effectively prevent the tube from swaying from side to side when rotating at high speed, thus guarantees the precision of turning during cutting. The auxiliary support plays the role of guiding and supporting during feeding.

Efficient Linkage of Three Chucks

• The full stroke, high precision chucks have prominent clamping force. The linkage adopting the three chuck clamping technology is efficient; materials can be cut in different directions, thus achieves zero tail material cutting easily and ensures the maximum utilization of materials. The rear jack adopts the intelligent dust extraction system, so the effect of air extraction and dust prevention is good.

Servo Follow-up Unloading Platform

• The unloading mechanism adopts the servo type adjustable plate turnover platform has the unloading and cutting follow-up function, which ensures the accuracy of long tube cutting. The joint action of the cylinder and plate turnover platform is suitable for workpieces of different lengths.

Three Chuck, Zero Tail Material, Improve The Material Utilization Rate And Reduce The Cost

• Tube Specification: Circular Tubes: Φ 20mm~ Φ 260mm, Square Tubes and Rectangular Tubes: $\square$ 20mm~ $\square$ 180mm including carbon steel and stainless steel round tubes, square tubes and special tubes cutting.



Large Square Tube



Double T-steel



Full Stroke High Precision Chuck



Servo Follow-Up Auxiliary Support



Servo Follow-Up Unloading

Performance Indexes		
Model	TP6026	TP9028
Tube Specification	Circular Tubes : Φ 10mm~ Φ 260mm Square Tubes and Rectangular Tubes : $\square$ 10mm~ $\square$ 260mm	Circular Tubes : Φ 10mm~ Φ 280mm Square Tubes and Rectangular Tubes : $\square$ 10mm~ $\square$ 280mm
Power	3000W~6000W	3000W~6000W
Length of Cutting Residue	$\geq$ 0mm	$\geq$ 0mm
Infinite Rotation	100rpm/min	80rpm/min
Material Loading Length	6000mm	9000mm
Maximum Weight of a Single Tube	300kg	500kg
Maximum Weight of a Single Tube	16000mmX4000mm	20000mmX5000mm

