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Pipe Cutting Machine With Chuck



JINFENG® is the professional China manufacturer and supplier of Pipe cutting machine with chuck with affordable price. The Pipe cutting machine with chuck are high performance plasma and oxy flame 3D cutting machine to execute the plasma cutting or oxy flame cutting on round pipe or tube.

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XLG

Pipe cutting machine with chuck

For all the Pipe cutting machine with chuck that manufactured by JINFENG WELDCUT will be delivered to End-user with 2 years warranty, and which are Equipped with a chuck to clamp the round pipe and turning the pipe during cutting, supporters for pipe. The plasma cutting torch and oxy flame cutting torch are mounted on the moving carriage which can move along the length of pipe . The machine supports all CAD-CAM interfaces as options. The XLG Pipe cutting machine with chuck are the most advanced thermal cutting machine for pipe to increase the productivity for End-users from different industries.

Specifications

Model	Round pipe diameter	Max Length	Max pipe Weight
XLG 600	50-600mm	12000mm	5T
XLG 900	60-900mm	12000mm	8T
XLG 1250	200-1250mm	12000mm	12T
XLG 1600	300-1600mm	12000mm	20T

Support Plasma cutting, Plasma marking, Inkjet marking, CAD-CAM software

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Feature And Application

- 1.The XLG Pipe cutting machine with chuck can offer high quality bevel cutting, hole cutting, vertical cutting for to reduce the mass works in next and make easy for welding connection in the next process.
 - 2.The pipe cutting machine can be fully integration with the MES system and Allow remote control via team viewer for the engineers from manufacturer to easily carry out the remote diagnosis to solve the problems via internet without sending engineers to the working site.
 - 3.The CNC software support the cutting operation and manual programming of parts based on the macros integrated in CNC. The CNC has a import interface forthe data file exported from TEKLA design software.
 - 4.This XLG Pipe cutting machine with chuck are widely used in Shipbuilding, shipyards, offshore, steel Construction, steel structure, piping, for the plasma cutting and oxy flame cutting of pipes to make stadiums, bridges, theme park, expo centers, airport, shopping malls, trusses, skids, frame, jackets, jack ups, support frame, pipelines etc.
- By adding XLG Pipe cutting machine with chuck to the production facility, the End-users from different industries can increase their production and reduce the labors a lot.



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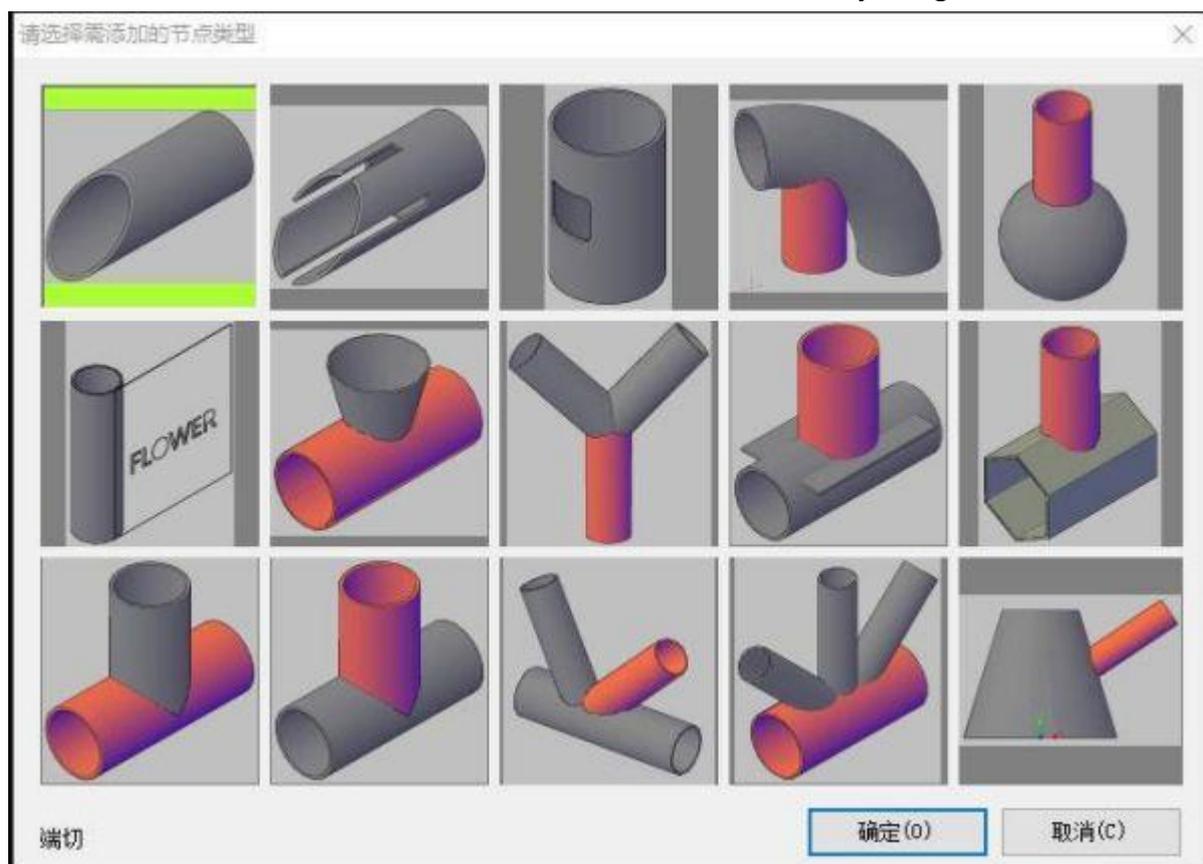
Structure view



1.CNC control system

The CNC main control unit is an industrial controller, integrated with touch screen. With the hardware board card interpolation, the CNC has a reliable stability and easy and convenient wiring. With the standard G code, it is easy for operator to learn and operate on the machine. The CNC system supports 3 operating modes: Flame cutting, Plasma cutting and demonstration.

The software freepipe is a library of Macros, which is integrated in the software of CNC system and easy for operator for manual programming.



2.Chuck

The round pipe one end is clamped on the chuck, the other end is supported by free supporter. The power of chuck to turn the pipe rotating for cutting with the cutting head to realize the automatic cutting.



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3.Cutting head on moving cart

The moving cart is moving in the length of the pipe to bring the cutting head to cover the whole length of pipe to realize the cutting on pipe with different length.

4.Pipe supporter

It is used for the supporting of the pipe in length with several sets of supporter. The pipe supporter is controlled by a bidirectional screw sliding nut, and the sliding nut is equipped with a bias support frame, which can be adjusted to suit for the different size of the pipe diameter. Rolling wheel bracket can be moved along the longitudinal rail on the base table, so the supporting point can be adjusted according to the length of the pipe.