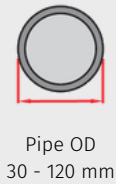
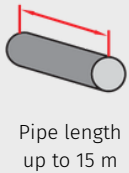
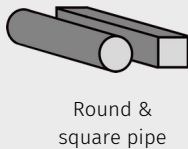


# TUBE S

SQUARE & ROUND PIPE PROFILE CUTTING MACHINE



## Cutting Capacity



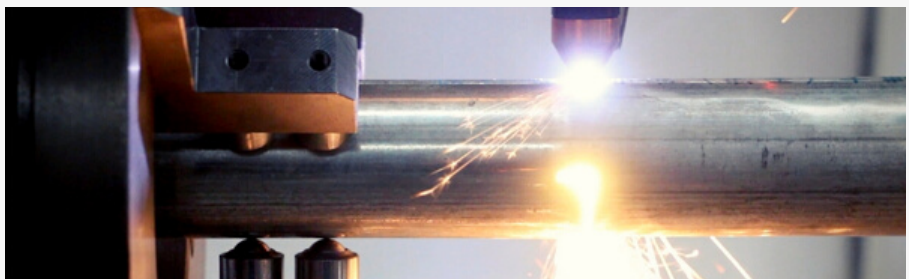
## Fume Extraction

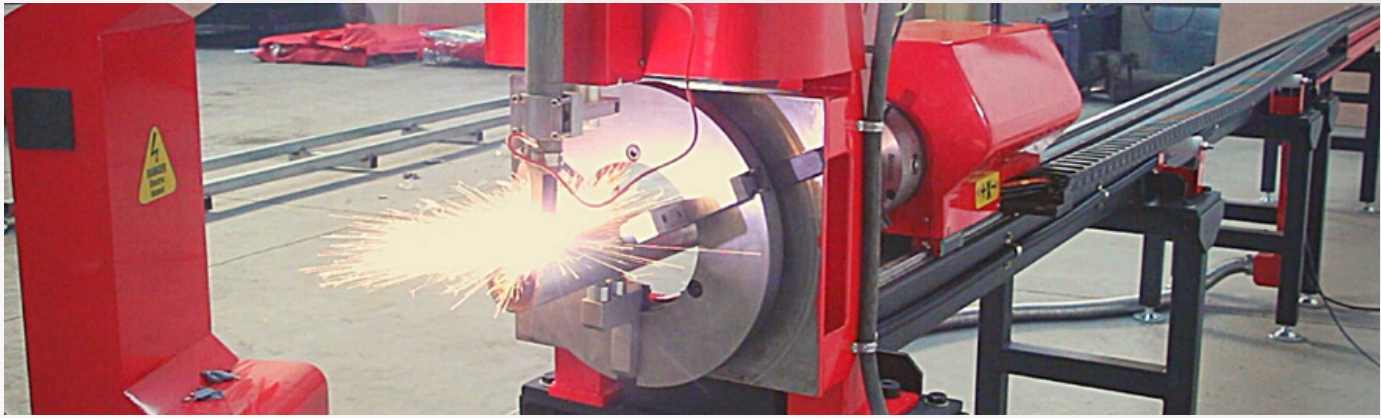


Custom quotes available upon request.

## The Best Solution For Small pipe Cutting

The Tube S by ARCBRO® is a affordable CNC round and square pipe cutting solution that comes in a compact footprint. It can do pipe OD from 30 to 120 mm and pipe length from 3000 to 15.000 mm by plasma. This two-axis CNC pipe cutting machine has a footprint of only 0.6m wide and can rapidly profile aluminum, stainless steel, and mild steel pipes with ease. User powerful and friendly Italy libellula software allows quick understanding and efficient use of Tube S machines after a short training. NC data file transfer to Tube S from CAD/CAM software available as option.



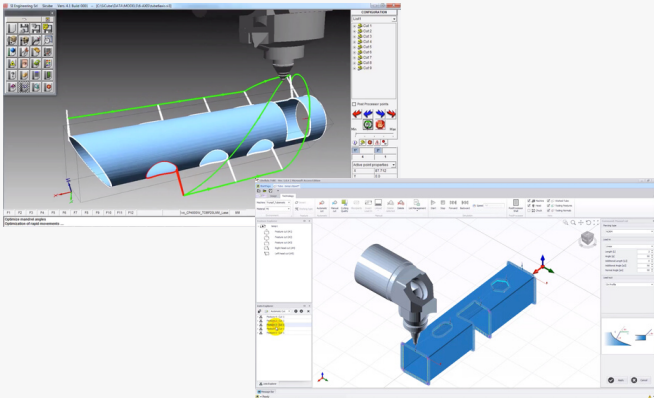


## Top Cutting Quality

- Optimal cutting torch paths calculated by the TUBE S control system ensures extremely accurate weld preparation.
- Advanced design and top quality components enable fast and efficient cutting with top quality results.
- After experimental measurement, the cutting tolerance is less than 0.3 with Panasonic high-quality servo motor, which can meet the tolerance requirements of all complex workpieces.



## Convenient And Fast Operation



### LIBELLULA ITALY SOFTWARE

- Libellula is a well-known brand for 30 years, and Libellula TUBE is the software for cutting machines designed to program the cutting of tubes and profiles machines in an intuitive and immediate way.
- The design of parametric tubes occurs in real time: user can easily operate, and quickly learn to use the software thanks to the exclusive "Easy-use Experience".
  - The visualization of the model and geometric modifications performed on the entire piece or on particular individual parts is immediate and produces a list of the tools used, with the aim of being able to modify at a later time the individual parameters in a functional manner.
  - The generated tubes can be of any shape and the tools used are parametric and customizable.

## Advancing And Stable Motion Control

- Open bed design with two chucks equipped with universal balls on a concentric circle. This design achieves the most accurate and stable motion control of the longitudinal and rotary axes.
- Automatic Arc Voltage Height Control adjusts the torch distance during cutting to profile the pipes and compensate for pipes that are out of round.

## Frindly Pipe Loading And Support System

- One button towing movement-Support Yoke. The support yoke is designed to guide the tubing even if the material stock is not perfectly straight. It can be easily adjusted for different diameter by simply turning it.
- Pass Through Chuck. Pass through chuck will feed the tubing and also allows for pieces that are longer than the machine to be manufactured by allowing longer tubes to go through the chuck.



# SPECIFICATIONS

Type	Tube S
Input Power	110V / 220V, 1Ph / 60Hz
Traverse Speed	0 – 8000mm / min
Pipe Capacity	30 – 120 mm
Height Control	HYD Arc Voltage THC
Travel – Longitudinal	3m / 6m / 9m / 12m / 15m...(Extended to 3°meters
Maximum Cutting Speed	0 – 8000mm / min (limited by cutting process
Pipe Rotation Drive	Precision planetary gear box and belt drive
Linear Motion	Precision rack and pinion
Cutting Process	Plasma
Temperature (operating)	40–100°F (1–38°C)
Fume Extraction	Custom quotes available upon request
Language	English, Chinese, Spanish, Russian, French, Japanese, Czech and Slovenia, etc.

## ARCBRO SUPPORT

### ARCBRO LEARN CAMPUS

*Learn the machines before you get them.*

Make the work simple! View ARCBRO learn campus online to learn the machines before you get them. ARCBRO learn campus is a online CNC plasma cutting training program in the industry. It takes our customers through a series of knowledgeable and concise videos and files to give them in-depth training and technical instruction. These videos will take even your newest operator to an expert level in no time. They were formulated with our customers at the forefront of our minds, which has transcended into fast and effective training for many different markets, such as: education, metal art, custom automotive part fabrication, and many others. Link: <https://www.arcbro.com/support/learncampus/>



### ARCBRO TROUBLESHOOTING

*You can buy any arcbro product without any hassle!*

All our products have a precise and reliable manufacturing quality inspection system. In addition, all products have a one-and-a-half year warranty and are accompanied by the best after-sales protection system in China. Multilingual professional engineers perform online machine diagnostics in 24 hours. We bear the cost of any parts failure or damage during the warranty period and you only need to pay the shipping cost.

In addition, you can easily find all the after-sales solutions you may need on our official website. We have organized the questions that customers have asked us when using the machine for many years, and gave answers in detailed but easy to understand words to help you solve the problem as quickly as possible.

Want to know more, just browse our official website, click support, enter Arcbro troubleshooting system. Link: <https://www.arcbro.com/support/troubleshooting/>



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