

TUBE MINI

ARCBRO CNC PIPE PROFILE CUTTING MACHINE



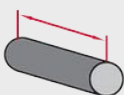
Cutting Capacity



Plasma cutting



Arc voltage Control



Pipe length
up to 15 m



Pipe OD
30 - 250 mm

Fume Extraction



Custom quotes available upon request.

Precise Pipe Cutting & Small Footprint

The Tube Mini Compact Pipe Cutting Machine by ARCBRO® is a two-axis CNC pipe cutting machine has a small footprint and can rapidly profile aluminum, stainless steel, and mild steel pipes with ease. This machine is ideal for roll cage fabrication shops, handrail and fencing manufacturers, and many other small-to-medium-sized fabrication shops that are looking to increase the efficiency of profiling and cutting their pipes and tubes. Its standard pipe cutting diameter is between 25mm to 200mm. It standardizes cut quality, and expands the capabilities of your works.



Convenient And Fast Operation

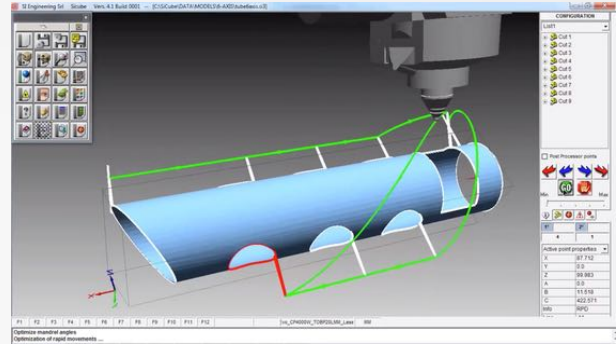
LIBELLULA ITALY SOFTWARE

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.

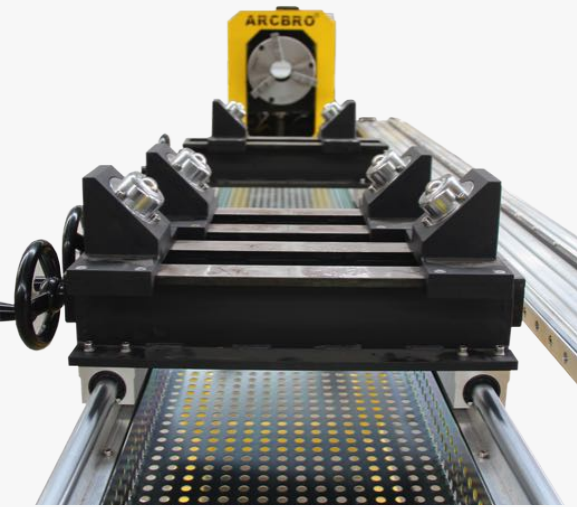
-The design of parametric tubes occurs in real time: user can easily operate, and quickly learn to use the software thanks to the exclusive "Easy-use Experience".

-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.



Easy to Operate



The powerful ARCBRO servo motion control technology and the user-friendly interface of Windows will provide effective and easy-to-use CNC pipe profiling technology to all users.

Shops with multiple operators will find that the highly nesting software is easy to operate, yet powerful enough to handle your most demanding cuts.

The Tube Mini Compact Cutter pairs a powerful gear train with a linear guidance system to ensure fluid motion. It also uses an auto beveling torch arm (optional) that enables the machine to cut at bevel angles between 0 and 45°. This feature is ideal for shops that need to weld prep their pipes. The standard Arc Voltage Height Control (AVHC) reads the arc voltage throughout the cut to compensate for pipes and tubes that are out of round.

Health, Effective, Standardize

The newest up and down automatic design and Dust removal design can help user fix different size pipe quickly and keep a clean work environment , keep work health and effective work.

Each feature on this machine has been engineered to increase efficiency, standardize cut quality, and expand the capabilities of your works.

Please send one of our CNC pipe cutting professionals a email any time! we'll be happy to talk with you about your applications and how the machine can improve your processes.



Kits includes

ELECTRICAL LIFT SYSTEM

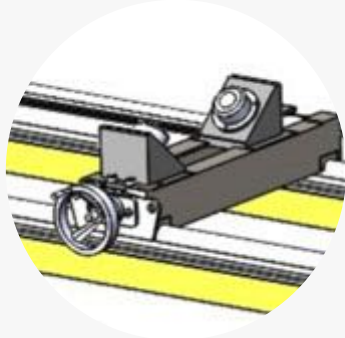
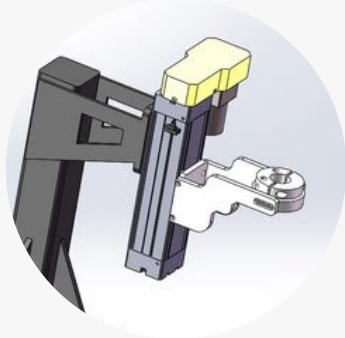
Special design to lift the Headstock up and down freely, which can maximize the cutting diameter of the machine. Also since no manual adjustment is required achieved the fastest clamping.

AUTO TORCH HEIGHT CONTROL

Arc voltage sensor control the plasma torch with pipe surface, to get cleaner cuts even the pipe is not that round.

SOFTWARE

One software for all types of cutting tubes and profiles. Only Libellula Tubea software, a great technology, can do so much.



SUPPORT FRAME

Support frame is made of rigid structure steel, strong and firmly to hold up to $\phi 400\text{mm}$ thick pipe without deformation nor vibration.

ROLLER SUPPORTER

The support adjust the roller horizontal distance to hold large diameter range of pipe firmly.

INDIVIDUAL CONTROLLER

The multifunctional CNC system make the cutting operation more convenient.

SPECIFICATIONS

Type	Tube-mini
Effective diameter (mm)	50mm-300mm
Input Power	800W
Input voltage	Single phase, 110/220V
Power frequency	50/60Hz
Cutting mode	Plasma Cut (Flame cut is optional)
Driver Motor	servo drives
Cutting speed	0~6,000mm/min
Running speed	0~8,000mm/min
Tolerance	≤0.4 mm
Display	7" color LCD screen
External format	TXT or NC format
Language	English, Chinese, Spanish, Russian, French, Japanese, Czech and Slovenia, etc.
Temperature	1-40°C (34-104 °F)

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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