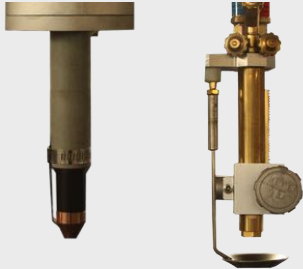


# STINGER 4400 5100

ARCBRO CNC PLASMA CUTTING TABLE



## Compact & Advancing Design For Workshop !

From air pressure sensor to independent load-bearing table, Stinger's design is completely for the workshop. Small footprint saves you space and Transportation budget. After assembling the flame mode, Stinger can cut thickness from 0.5mm to 200mm, and only needs a button to complete the mode switch. All the needs of one machine are enough! And it is completely a plug-and-play machine, Stinger is shipped fully assembled. The setup process has been streamlined making the process smooth and enabling you to start putting the machine to work right away. You are required to provide an on-site supply of air, power, water.

## Multiple Choices

We have professional CNC instructors to help you analyze and sort out your cutting needs, and provide you with the most reasonable solution!

- **Cutting Size**

Two standard models are optional:  
4400 (1300\*1300mm), 5100 (1500\*3000mm)  
We also can Custom for spicial demands of cutting size.

- **Cutting Mode**

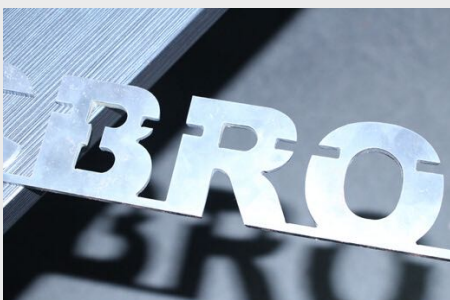
Plasma mode / Flame mode (optional)

- **Load-bearing table**

Water table / Air dust table

- **Plasma Marking**

Custom quotes available upon request.



## Advancing And Stable Machinery Driven By Customer Satisfaction

-Arcbro's patented belt transmission motion control system effective vibration absorption during motion, which Gaining credibility from our customers.

-V-wheel and flat wheel combined to avoid over

-constrained.-light structural design,with good rigidity structure, light deadweight.

-Duo model mix THC(air pressure+arc voltage sensor)

-The separation of the load-bearing table and the machine completely eliminate the consume of load on the machine while greatly reducing transportation costs more than 1/3!



**V-WHEEL**



**BELT TRANSMISSION SYSTEM**



**STINGER 1313**

## Complete Plug And Play! Suitable For Workshop!

-Stinger 1313(1300\*1300mm cutting size) has a small footprint and can rapidly profile aluminum, stainless steel, and mild steel plates with ease. Very suitable for workshop.

-Complete plug and play! Stinger 1313/1530 are shipped fully assembled. The setup process has been streamlined making the process smooth and enabling you to start putting the machine to work right away. You are required to provide an on-site supply of air, power and water.

-The pulley can be assembled according to your needs and can be moved by single person.

-The independent electrical box is easy to check, and the cooling fan can effectively reduce the temperature generated by the operation of the electrical device.

## From 0.5 to 200mm, All Thicknesses Can be Cut!

Three cutting modes for different thicknesses  
one-button switching on the control panel

- Pneumatic height adjustment mode plasma cutting thin plate
- Arc voltage high mode plasma cutting medium thin plate
- Capacitor height adjustment mode flame cutting thick plate (optional)



## Changeable Configuration

We have professional CNC instructors to help you analyze and sort out your cutting needs, and provide you with the most reasonable solution!

### 1. No Dust!

We provide customers with two types of high-efficiency dust-removing load-bearing tables.

- Option 1: *water table*. Absorbs metal residues through water, effectively reducing dust.
- Option 2: *Air dusting table*. the load-bearing table and dust collector are connected through an additional down-flow system to achieve a perfect dust removal effect.

Whether you use it in home engineering or metal art, it will protect your room environment and give you the most comfortable cutting experience!



**AIR DUSTING TABLE**

### 2. Flame Mode

If you need a variety of cut thicknesses, Stinger can add a flame mode for you to cut thicker metal sheets.

The conversion of the two modes is very convenient, you can switch freely according to the thickness. For thick metal plates, the flame mode can greatly reduce the cost. You can tell us the thickness you need to cut, and our professional CNC technicians will provide you with the most suitable solution depend on your demand.

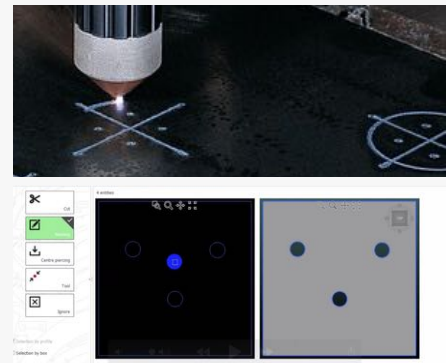


**FLAME TORCH**

### 3. Plasma Marking

For companies already using plasma, plasma marking and cutting on the same table can save a significant amount of time and reduce material handling.

Stinger's plasma marking function Custom quotes available upon request. With Arcbro plasma machine power source - Aircut series and Libellula wizard software, Stinger will be more capable for marking function than any other cutting machine.

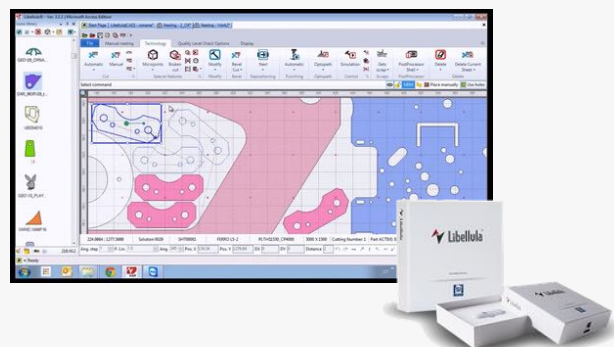


**PLASMA MARKING WITH LIBELLULA WIZARD**

## Convenient And Fast Operation

### LIBELLULA ITALY SOFTWARE

Libellula is a well-known brand for 30 years, and always the best cutting software for sheet metal processing. It is installed on our standalone, multilingual operating system. It structured to become the best CAD/CAM application for the programming of the cutting machines of any type. Shops with multiple operators will find that the highly nesting software is easy to operate, yet powerful enough to handle your most demanding cuts.



# SPECIFICATIONS

Type	Stinger
Effective Area (mm)	1300*1300mm, 1300*2500mm, 1500*3000mm
Thickness Range	0.3~30mm (Depends on plasma power source capability)
Input Voltage	Single phase, 110/220V
Power Frequency	50/60Hz
Cutting Mode	Plasma Cut (Flame cut is optional)
Driver Motor	Hybrid servo drives
Cutting Speed	1~7,000mm/min
Running Speed	1~7,000mm/min
Tolerance	<0.4mm
Height Control	Arc Voltage THC& Pneumatic THC (capacitive CHC is optional)
Internal Library	Shape library
Language	English, Chinese, Spanish, Russian, French, Japanese, Czech and Slovenia, etc.
Temperature	1~40°C (34~104°F)



# ARC BRO SUPPORT

## ARC BRO 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/>



## ARC BRO 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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