

STINGER 4400

ARCBRO CNC PLASMA CUTTING TABLE



The most decent, compact CNC plasma cutting table, within the cutting range of 4400 (4*4ft).

The Stinger4400 is a cutting machine with full of ingenuities, which includes a 4x4' cutting machine frame, detached water table, and purpose-built control board with included software. The precision machined frame and patented belt transmission system makes the stinger ensure precision and repeat-ability at a cutting speed of 10m/s. The machine will be shipping with fully assembled, which means it's totally plug&play without forklift.

Standard configuration



Cutting function:
Air plasma cutting



Cutting Size:
4*4ft (1300*1300mm)



Cutting Thickness:
Depend on plasma power source



Cutting Table:
Water table / Air draft table



Running speed:
1-10,000 mm/min

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/4*4ft), 5100 (1500*3000mm/5*10ft)
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



10,000mm/min Cut metal like butter!

Better cutting performance

The cutting speed of 10m/min means unparalleled production efficiency. The unique belt conveyor design can reduce the resonance frequency by 50%, making the cutting as smooth as butter. Our machines adopt the standards of the United States and European countries. After machining and heat treatment in the machining center, the error caused by manual adjustment like most brands is greatly reduced. Users in every industry can use this machine to cut any precise metal parts that they want.



Compact Solution

The smaller size matches a larger effective cutting range. Stinger4400 only occupies a space of 1.8m*1.8m. You can put it in the corner of the garage to save space costs.

Save your wallet

Reduce 50% shipping cost!

Because our machine legs can be disassembled, saving space and reducing the height of the packing box, So help you reduce the shipment cost by 50%.



Plug & play, Perfect 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.



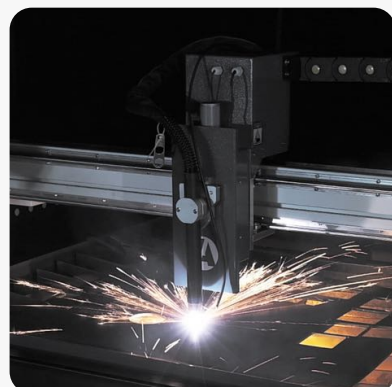
Long life

Plasma cutting cannot avoid a large number of dust and iron filings. The square rails need a perfect cutting environment, otherwise, the slide block will break quickly. Most importantly, slide block is costly. The advantage of V wheels is to ensure the same accuracy, not only more durable, but also easy to clean. At the same time our machine has an independent bearing platform. Due to the complex working conditions in the factory, the cutting table will cause deformation and lose cutting performance when loading thick plates. But our machine will not have this situation. Even it is crushed, no any influence on machine performance.

Dual THC Mode

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

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



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 | 1~8,000mm/min |
| Running Speed | 1~10,000mm/min |
| Machine accuracy | <0.2mm |
| Height Control | Arc Voltage 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) |

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/learning-campus/>



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/troubleshooting/>



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