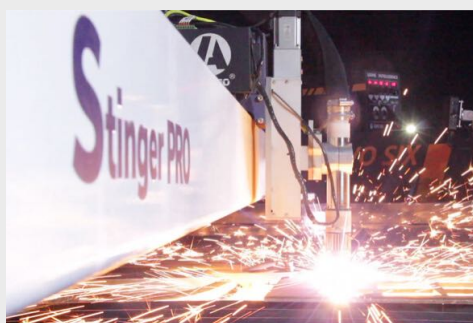


Stinger PRO 5100

CNC HD PLASMA CUTTING TABLE



Cutting function:
High definition plasma cutting



Cutting Size:
3000*1500mm



Cutting Tolerance:
Within iso range 3



Cutting Table:
Water table / Air Draft table



Cutting Thickness:
See Thickness Table on page 6

CNC HD PLASMA CUTTING TABLE FOR WORKSHOP PRO

The Stinger pro 5100 flagship true hole HD plasma CNC cutting table launched in 2020. This robust, industrial table is built with production in mind. The plasma table can handle the rigors of continuous production runs with industry leading repeatability and reliability. It has been designed and built from the ground up by an engineer team- ensuring a world class product with the quality and reliability you have come to expect.

It meets all the requirements of HD cutting, improving production efficiency, reducing operating costs and upgrades the cutting process for all-day production.

This is the perfect plasma machine for every professional workshop.

UNBEATABLE HD PLASMA POWER SOURCE – ArcBlitz™

ArcBlitz can increase cutting speed, significantly increase productivity and reduce operating costs. New ease-of-use features and optimization capabilities make ArcBlitz easier to run with minimal operator intervention, while ensuring optimal performance and unparalleled reliability.



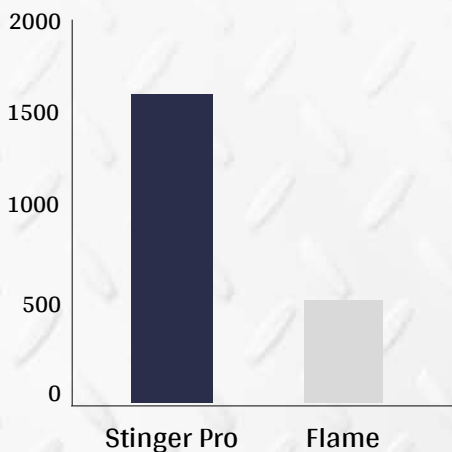
High productivity \neq High cost

A common thread in the technological advancement of plasma cutting since its invention is the continuous reduction in the cost per foot or meter of metal cut. This is greatly accelerated in Stinger pro which can be the primary driver of improved profitability for the user.

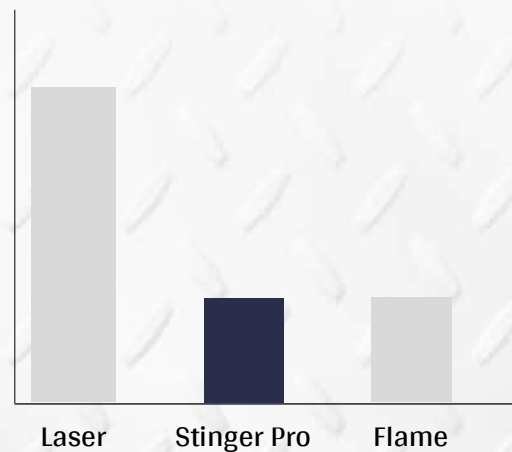
The cutting speed is three times than that of flame cutting, but the unit cutting cost is only a 1/3 of laser and flame cutting, this making the Stinger Pro a great choice for high production/low cost cutting.



Cutting Speed of 20mm mild steel
(mm/min)



Cutting Cost



■ Plug and play design, upgrade your workshop!

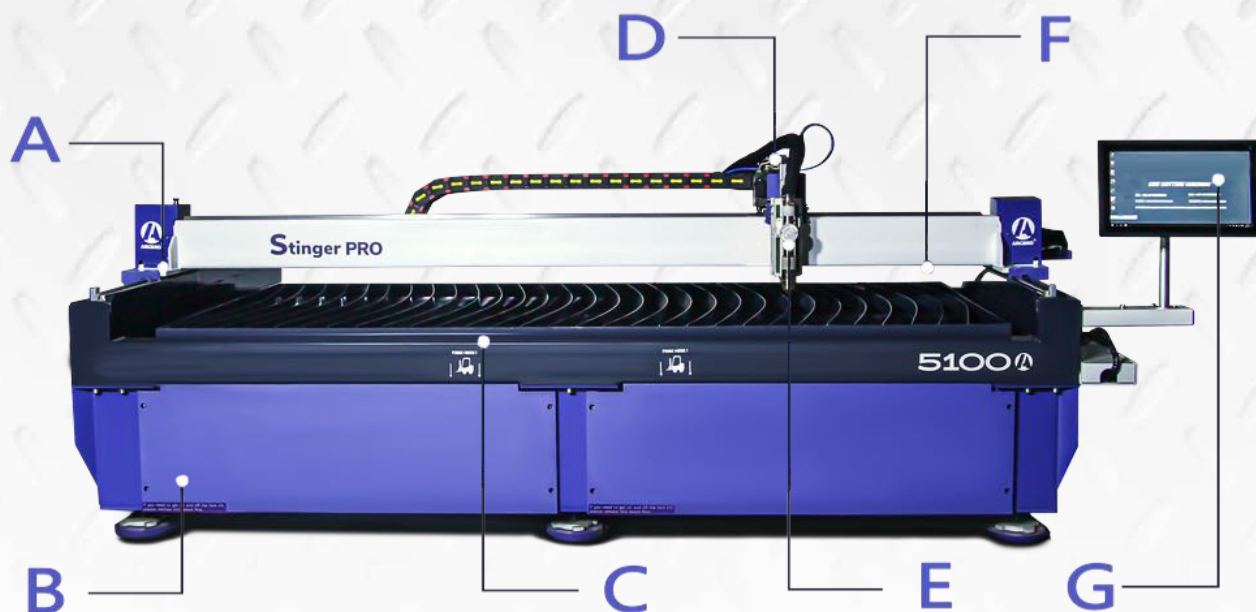
To be more convenient, Stinger Pro a has plug and play design as they are shipped fully assembled. The setup process has been streamlined making the process smooth and enabling you to start putting the machine to work right away. You are required to provide an on-site supply of air, power and water. You will also need a forklift to receive the machine and put it into position.



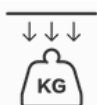
■ Superior Machinery

Powerful plasma power challenges the strength and accuracy of the airframe. Helical gear, trolley, rack and pinion together guarantee excellent motion control, parallel accuracy and stability. The design of the independent material table is used to eliminate the load-bearing loss of the fuselage and at the same time shorten the height of the side member to the cross member to ensure the stability of longitudinal driving. The wide transom is specially designed for the workshop, which saves you more space when placed against the wall and ease for transporting the unit.





A Main frame and crossbeam are heat treated increasing machine body strength and durability.



B High loaded iron gasket guarantees machine leveling and absorb resonance.



C Fork lift position already setup, easy to move.



D Magnetic anti-collision torch holder connected by wire rope, providing solid torch protection



E Plasma cutting for high definition true hole technology - high precision and high productivity.



F Cutting table is separated from machine frame meaning that the machine body does not get deformed by long use.



G 21" industrial touch screen for enhanced operation experience.

Fantastic perpendicularity. Say goodbye to annoying taper!



- Stinger PRO can bring you a wonderful cutting quality, on all thicknesses. With HD plasma source ArcBlitz, it's able to meet ISO range 3 cutting quality. This means the taper angle is smaller than 2 degrees reducing annoying taper.



Unbeatable HD plasma power source – ArcBlitz™

High definition cut, one step in place.

- ArcBlitz can increase cutting speed, significantly increase productivity and reduce operating costs. New ease-of-use features and optimization capabilities make ArcBlitz easier to run with minimal operator intervention, while ensuring optimal performance and unparalleled reliability.

Precise Cuts

- The outer contour cutting adopts the oxygen / air process, resulting in cutting quality is stable within the ISO range 3.
- The perfect hole cutting uses oxygen / air technology to eliminate taper.
- Gas control box for automatic ventilation cutting of outer contours and small round holes.

**A real transformative advance
in industrial cutting operations.**



Cost Reduction

- Optimal consumables life without operator adjustment.
- The nozzle uses rapid liquid cooling technology to protect the torch and consumables.
- Precision cutting eliminating cost of secondary operations.

SPECIFICATIONS

Mild steel	mm	inches
Pierce capacity	30	1.2
Severance	50	2
Stainless steel		
Pierce capacity	25	1
Severance	20	3/4
Aluminum		
Pierce capacity	25	3/4
Severance	25	1

Type	Stinger Pro 5100
Cutting mode	High definition plasma cutting
Input Voltage	110V / 220V
Frequency	50 / 60Hz
Cutting size	3000 * 1500 mm
Input power	3600w
Drive motor	Panasonic servo motor
Reducer	1:25
CNC controller	IPC
Plasma Power Source	ArcBlitz HD
Running Cutting Speed	0 – 20000 mm/min
Tolerance	≤ 0.3mm
Height Control	Automatic voltage THC