

SPARK PRO

SMALL CNC PLASMA CUTTING TABLE



The Automation Advantage for Prototypes & Small Production Runs!

The CNC plasma cutting machine, Spark Pro, has a very lightweight structure. The total weight is just 200kg, but it is in a higher working size. And it is also higher configured with THC for plasma cutting. It is a very good choice for the studio and for the university and for smaller workshops.

Standard configuration



Driver Motor:
Step Motor x 3



Effective Area(mm):
1200*1200mm



Running speed:
1-12000 mm/min



Cutting mode:
Plasma cutting with Automatic
Height Control



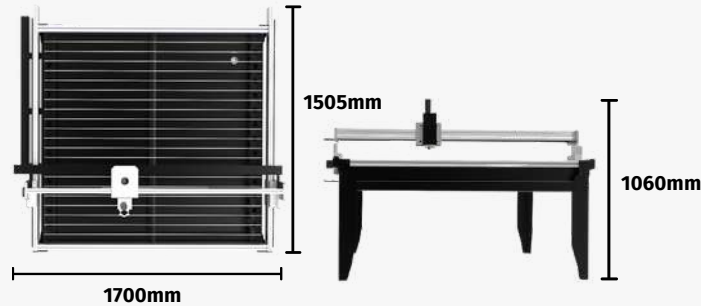
Cutting Tolerance:
Cutting tolerance smaller than
 $\pm 0.3\text{mm}$



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

Large Work Area

The Spark Pro features a production-ready 1200*1200mm cutting area, so you can cut more parts faster. Powered Z-axis with Initial Height Sense, reinforced steel frame w/ integrated stainless water table, and Automatic Torch Height Control compatibility. Bring industrial capabilities to your shop with a machine that won't quit.

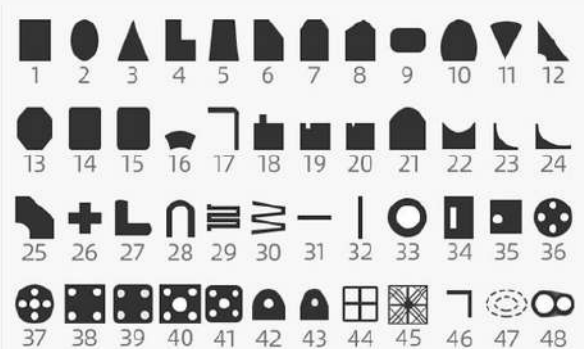


Compact Solution

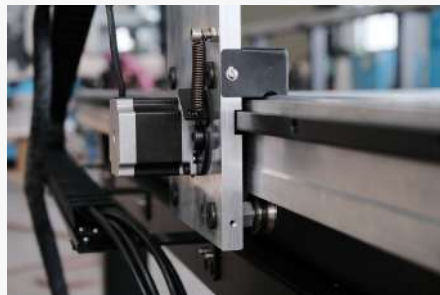
Spark Pro has a compact structure, and its total weight is just 200kg. But it is in a higher working size, and it is also higher configured with THC for plasma cutting. So it can be placed more perfectly in the work area and meet your cutting demands.

Integrated Controller

This controller has already integrated the THC part. Easy operation, all plugs are simple Plug-and-Play. Spark Pro control system comes with a graphics library. Cut 45 kinds of graphics with one button. And customized graphics can be imported with USB.



LIVE SHOT DETAILS



- The touch lifter is very small with a stroke of 50 millimeters.
- The aluminum cross beam is a modular aluminum technique.
- The V wheels you can see, it's a V wheel clamping Structure for the y-axis, easy to clean and durable.
- And Spark Pro has three elastic motor engagements, it is a very soft connection for the gear and racks and can promise smooth running in cutting.

**Easy Operation,
Simple Installation**



SPECIFICATIONS

Model	SPARK PRO
Effective Area(mm)	1200*1200mm
Machine Size	1700*1505*1060mm
Input Voltage	220V single phase / 110V single phase
Power Frequency	480W
Cutting Mode	Plasma cutting with Automatic Height Control
Driver Motor	Step Motor x 3
Running Speed	12000mm
Tolerance	Cutting tolerance smaller than ± 0.3 mm
Shape Library	Yes
Temperature	0 to 40°C