

ARCBRO[®]

SCOUT 2

CNC PORTABLE FLAME / PLASMA CUTTING MACHINE



Low Consumption



Good Structure



Efficient



Long Life

Two Modes

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

Option 1: Flame Mode



Option 2: Plasma + Flame Mode



Lightweight yet Reliable Cutting Solution

The Scout 2 offers a flexible solution with all the advantages of a CNC portable cutting machine. Due to its lightweight and solid aluminium construction, this small unit is quick to assemble and dismantle. It can be configured as either a oxy-fuel cutting machine or a plasma cutting machine.

With a standard 18-month warranty, this CNC machine you'll own for the long haul. Whether you are a dealer, a busy workshop owner, or a metal artist, this lightweight yet reliable unit will exceed your expectations.

Cutting Capacity

MINIMUM CUTTING SIZE:

1.2 * 2.0 M

MAXIMUM CUTTING SIZE:

1.5 * 15.0 M

TOLERANCE:

< 0.5 MM

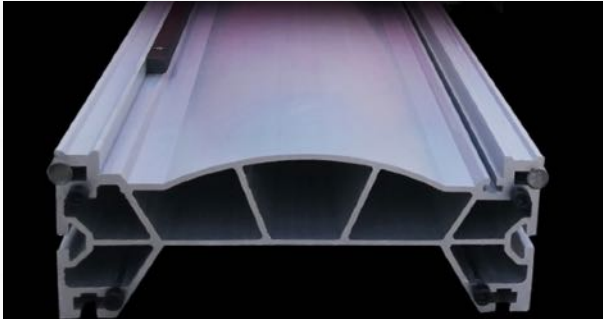
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Reliable Machinery

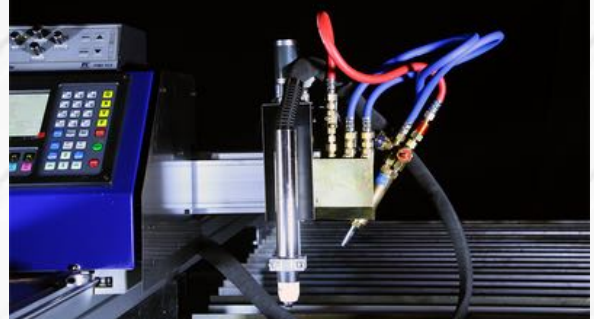
Modular aluminum base

Hard-plated shaft, hard casting process, molding, wear-resistant, deformation-free.



New Lifter

Increase the upper and lower limits. eliminate operating errors which damage the lifting body.



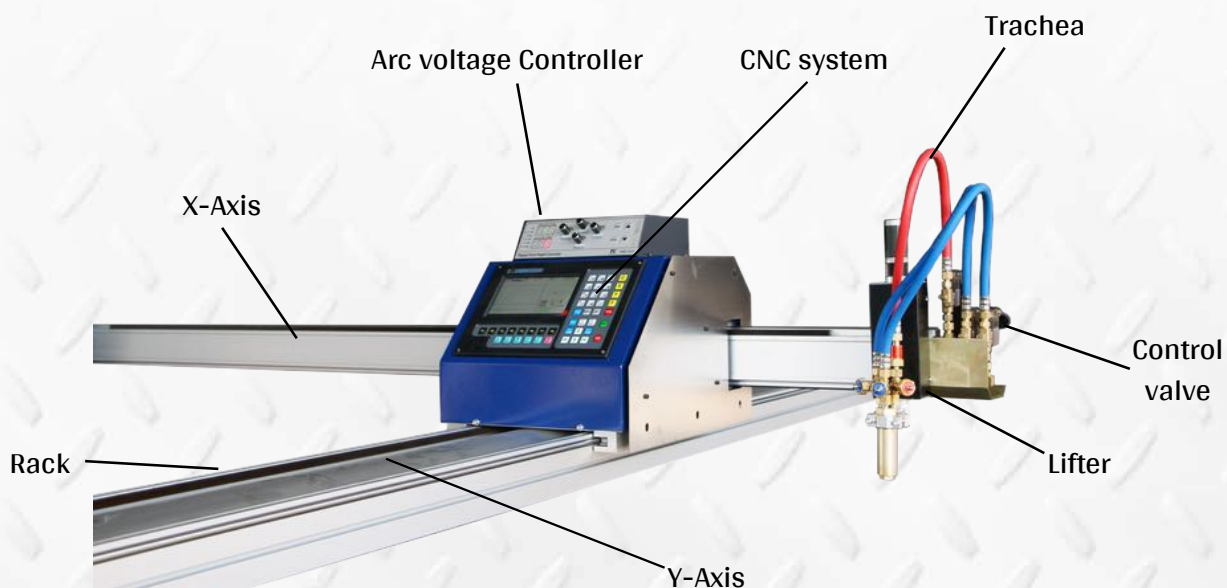
Arc voltage Control (AVC) for Plasma Mode

- Optimized following algorithm to improve cutting quality.
- Using high power arc starting relay to enhance arc starting stability
- Professional motor drive chip to strengthen protection measures
- Double LED digital tube display: set arc voltage and actual arc voltage



Easy to Assemble

Due to its compact size, installation of the Scout 2 is easier than ever. Assembly and setup of all components do not require any special measuring tools. Prior to shipping, the Scout 2 is pre-adjusted at our factory. Once you are ready, simply slide all components together and connect cables.



Easy Operation

The machine is easy to program and nest material. It can be used to manually program simple graphics or to automatically program any complex graphics through the Fastcam software provided with the machine.

SHANGHAI FANGLING® CNC SYSTEM

Features:

- A simple, menu-driven interface is easy to learn and operate.
- Built-in library of common shapes
- File transfer storage is convenient and flexible: USB port for program loading.
- G code dynamic simulation processing function
- Kerf compensation
- Complex curve fitting function
- Support multi-format file import and export



Supporting multi-language

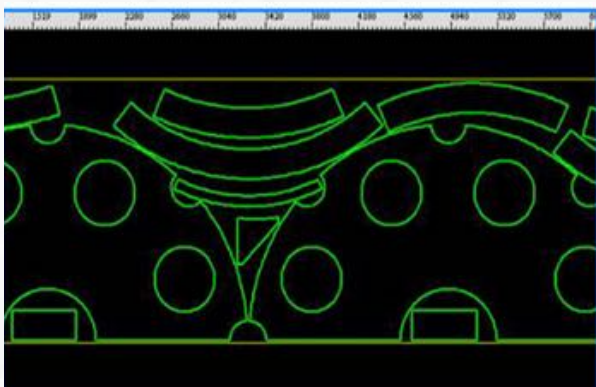


System comes with multiple graphics

FASTCAM® SOFTWARE

Feature:

- Fastcam® Software for Plate Shape Cutting with integrated 2D drawing, tool pathing, true shape nesting, code verification & NC generation.
- It is far less complex than other systems. Easy Editing & Verification of geometry combined with one step nesting makes the system instantly productive.
- Extremely Powerful CAD interface that cleans and compresses code ready for quality cutting.
- FastCAM® Reads and/or Nests DXF, DWG, DSTV/NC1, StruCAD, IGES and PDF file formats.



SPECIFICATIONS

Type	Scout 2
Mode of Cutting	Plasma / Flame
Input Voltage	110V/220 V
Frequency	50 Hz/60Hz
Input Power	180 W
Display	LCD 7 "
Flame Cutting Thickness	5mm – 150 mm
Plasma Cutting Thickness	Depending on the plasma power source
Flame Cutting Speed	0 –1000 mm/min
Plasma Cutting Speed	0 –4000 mm/min
Tolerance	<0.5mm
Plasma Height Control	Automatic voltage THC