Scout
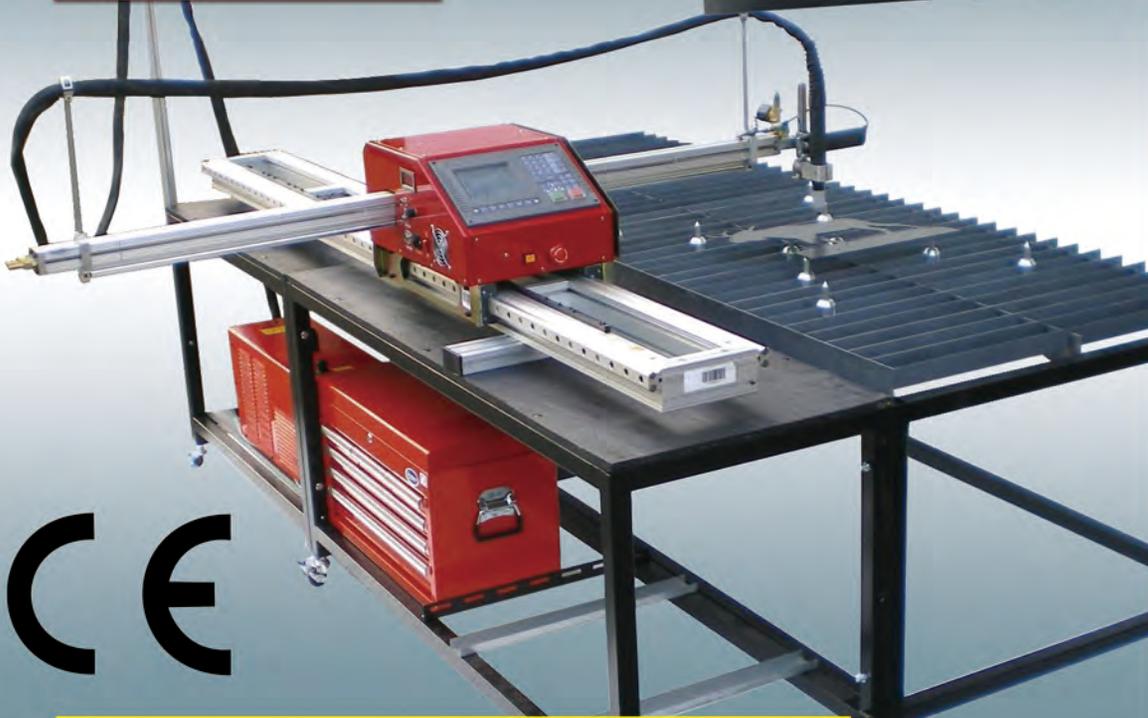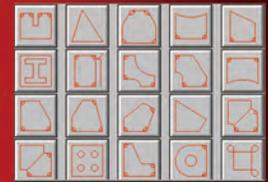### Portable CNC Cutting Machine

Movable•High Efficency•Low Cost
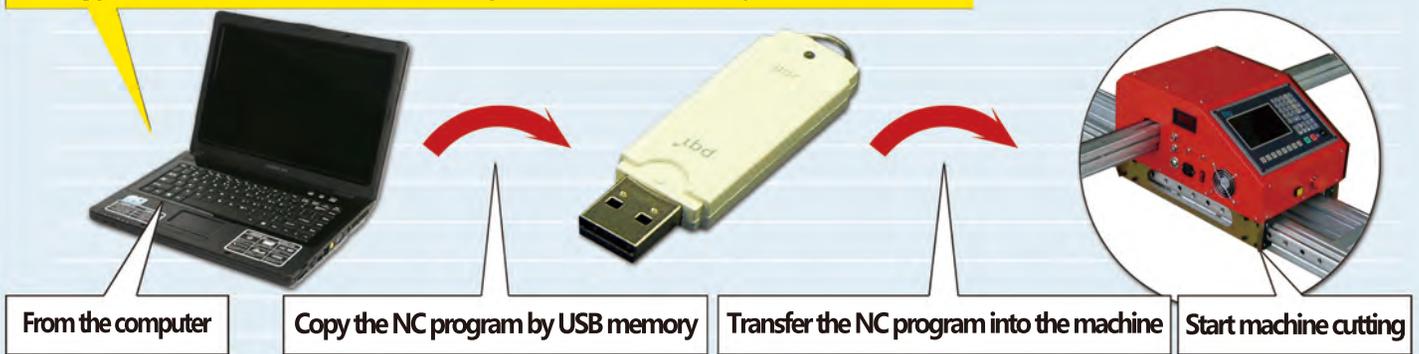## Portable CNC Cutting Machine

Built-in figures,To design the useful data easily, Offline-PC operation totally ,Make your works more efficiency !!

CE

Support Gas & Plasma Cutting !!

Firstly, Install the software on the PC,then convert DXF figure into NC code

| From the computer | Copy the NC program by USB memory | Transfer the NC program into the machine | Start machine cutting |

Through USB Port！Input and output the NC program simply.

After equipping with the air plasma power source, such as Hypertherm,Kjellberg,Thermadyne
ArcBro Portable CNC cutting machine will have high speed and top precision cutting performance.

- USB Memory is duty for the NC program input and output
- Auto Run Model /Test Model/Back Run/Nesting
- Power-off protection   ● Cutting Precision 0.4MM
- Scale Change ●NC Code Edit ● Kerf Compensation
- Auto Position   ● Mirror Image
- Cutting Oxygen (Gas) or Arc (Plasma) ON/OFF Function
- Motor-driven Torch instead of the manual operation

Available Cutting Width Standard :
1,500mm (1,800mm)

Reconmmended Cutting Width : 1, 500mm

Available Cutting Length Standard :
2,500mm
(Add 500mm for one unit, max as 15,000mm)

Scout
Portable CNC Cutting machine

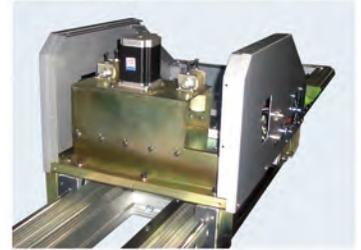# Smooth Cutting and Heavy Duty!!

Max Cutting Speed 6,000mm/min

High Speed Cutting using the air condition plasma power source.

Maintenance More Simple

Just open the machine cover, you will check the device, and the XY motor, everything become so easier.

Max efficient cutting area

Width 1,800mm, Length 15,000 mm .Standard efficient cutting area : 1,200mmX2,000mm.

Quick-Action Gas Saving Valve

- Saving 15% of Oxygen and Gas.
- "once" flame adjustment.
- one-touch for "on/off"

Motor ON/OFF Button

one-touch key make the machine easy to move! a proper key design , to avoid the control driver to burn during moving by hand.

Both X Y axis manual bevel cutting design

Motorize Torch instead of the Manual Torch, adjust the torch up down; New torch holder, it supports XY beveling cutting both.

There are many usages! Visualize it, Imagine it, you will found unlimited application !

Cutting on the cutting table
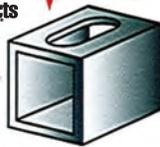
SS, SM, SN Sheet Steel Plate

Shaped steel Cutting
Cross-section •
Special-shaped
section Cut

scrap cutting

Deeply cutting for the objects
Cross-section ,
Special-shaped
section, Punching

Gas Cut
Thin plate
Thick plate
6 mm ➤ **150** mm

Plasma Cut
Thin plate
Medium plate
Due to the plasma power source

Thick plate Cut
Smaller hole can be punched also!
ϕ 40 hole is punched on 32mm plate ,very perfect !

Smooth Cutting edge
Through precise Rack and Gear, Arcmate CNC machine has a smooth performance !

NC program building library

Through the build-in standard figure, it can be converted into G code easily, just input the value, all shapes of different sizes can be cut, such as the circle ,tetragon....,and so on.

Set up for more efficiently !

DIY NC program
Design the figure using CorelDraw, AutoCAD (DXF),You can convert the figure into the NC Code by the attached software (FastCAM ,MTC, IBE ,and so on. Through the USB port, you can drive the machine to cut the figure; of course, you can save the figure into the machine easily for the repeat cutting.

FastCAM®
The World Standard in Profiling Software

MTC software
POWER MADE SIMPLE®

SIGMANEST
SOFTWARE

Libellula

IBE SOFTWARE

Configuration

Voltage	AC110V/220V 50/60HZ	Screen Size	7″ LCD	Cut Model	Gas/Plasma (Optional)
Power	180W	Weight	70.5kg (standard package)	Auto Torch(option)	I : motor by hand device II : auto motor device

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