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MANUAL F2100K



INTRO

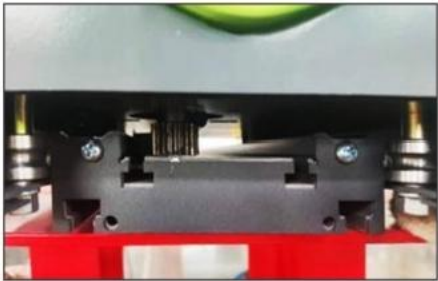
Mini portable cutting machine, the whole machine weight is 30 kg , Easy to carry. Powerful and can cut special shapes The machine comes with 43 kinds of conventional graphics, which can be edited in any size or CAD drawing layout import cutting. Independent intellectual property rights portable system. Support plasma cutting, flame cutting Cutting machine. No need to change the machine, quickly switch between argon arc welding and double arc welding. Meet different types of different sites.

PARAMETER

product name	Mini and portable	Lifting body	Screw lift body
Product number	1015(customizable)	Flame Device	Oxygen and gas cutting torches
CNC system	2100KV5.0	electricity source Wire	National standard power cord
Nesting software	Genuine Expert	Clamping device	Universal clamp
Tune high Device	Embedded height controller	Product packaging	Carton

INSTALL

Mini portable cnc plama cutting machine installation guide	https://www.toploongcnc.com/product/192.html
operate system toploong 2100k on portable cnc plasma cutting machine	https://www.toploongcnc.com/product/193.html
arc wire introduction control #cnccutmachine #plasmatorch automatically	https://www.toploongcnc.com/product/195.html
Smart nest software Teaching for cnc plasma laser cutting sheet metal design drawing cutting	https://www.toploongcnc.com/153.html
F2100K Toploong #portable #cnc #plasmacuttingmachine memory shapes set method	https://www.toploongcnc.com/198.html



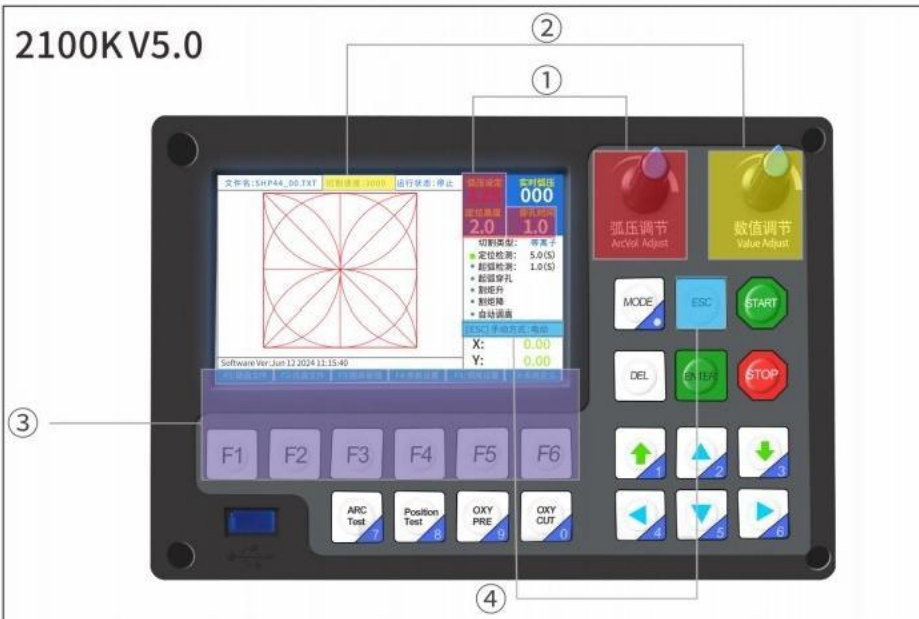
④





USE

one . Initial interface



① Arc voltage adjustment knob

Press the arc voltage adjustment knob to set the arc voltage, positioning height, and perforation time. Switch

Rotate the arc voltage adjustment knob (the selected parameter turns red) to change the set arc voltage value and position the high Degree value, piercing time value

② Numerical adjustment knob

Rotate the value adjustment to change the cutting speed value

③ F1~F6

Function keys, corresponding to the ones on the display

④ ESC key

Manual mode: inching and continuous mode

【1】 STAR, ENTER → Press STAR key + ENTER Key to start cutting

【2】 STOP → Stop cutting

【3】 DEL → Delete key

【4】 → Cutting gun up and down buttons

【5】 ▲▼ → Arrow key

【6】 ARCTest, Position, OXY PRE, OXY CUT → Arc voltage test, positioning test Test, preheat oxygen switch, cutting oxygen switch

【7】 MODE → Press MODE key to enter the debugging simulation cutting interface. Arc, simulates walking a graph.

2. Plasma parameter interface

Rotate the value adjustment button to switch different parameters, press the DEL button to delete the original data, and press Use the numeric keys to enter new data.

【1】 Positioning detection time

Gun tip descent time monitoring

【2】 Positioning rise time

The rising time after the gun head hits the steel plate to trigger the positioning detection signal

【3】 Arc starting detection time

Puncture time detection



【4】 Piercing rise time

During the perforation process, the dynamic rise time of the cutting gun

【5】 Piercing time

The duration of the gun head perforation is adjusted according to the thickness of the steel plate. The thicker the steel plate, the longer the perforation time. For details, please refer to Professional Examination Form

【6】 Automatic cutting height adjustment and arc voltage detection during cutting

Plasma cutting needs to be checked to start, and welding needs to be unchecked to close (select After counting, press the value adjustment and rotate to close)

two.Oxyfuel cutting

Rotate the value adjustment button to switch different parameters, press the DEL button to delete the original data, and press Use the numeric keys to enter new data.

【1】 Workpiece preheating time

Low pressure oxygen is turned on, preheating steel plate time

【2】 Workpiece piercing time

After the cutting oxygen is turned on, the perforation time

【3】 Torch rise time, torch fall time

After cutting, the time for the cutting gun to rise and fall must be the same.

【4】 Perforation rise time, perforation fall time

The lifting time during punching and the lowering time after punching must be the same number.



! Precautions

【1】 This machine is powered by 220 V mains electricity.

【2】 For the arc voltage wiring method of the built-in air pump plasma, please contact the plasma manufacturer.

【3】 For old plasma and high-power plasma cables, please purchase magnetic rings for shielding to prevent electrical Arc interference.

【4】 For CNC system programming, please use the typesetting software provided with the machine.

【5】 Please use letters, English, and numbers in the programming file name. The machine cannot recognize characters and Chinese characters. Character name.