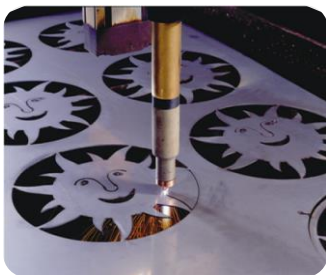




## ECONOMICAL TABLE CNC PLASMA CUTTING MACHINE MODEL: LEGEND B5II



### YEAH! **LEGEND™** LEGEND B5II

#### **MACHINE DESCRIPTION:**

The unique design enables LEGEND B5II 'one machine with two functions'. It has the capability to enter the AD and HVAC industry, which can meet the requirements of customer for cutting different thickness. LEGEND B5II has three unique cutting modes, and you can achieve excellent sheet plate cutting performance by applying the platen mode, water cooling mode and Arc voltage sensing THC mode. All these can be easily achieved-just by changing the cutting head.



## Technical advantages:

- 1.) Cutting thickness range: 0.3-22mm
- 2.) Three modes of cutting: Water jacket, Platen, Arc voltage sensing THC.
- 3.) Ball design on cutting table makes loading/unloading of cutting material Easier.

## LEGEND B5II Key points:

- 1.) With Arc voltage sensing THC, fine plasma cutting performance.
- 2.) Adjustable distance between THC and cutting table, matching with different torches.
- 3.) Steel-made torch holder, very good durability.
- 4.) With simple design, cutting mode switching is very easy.



Modular design, only few screws, LEGEND B5II can realize the transfer between thin plate cutting mode and thick plate cutting mode.

### For thin plate

--Cutting thickness: 0.3mm-5mm



**Water-cooling**

#### Water jacket

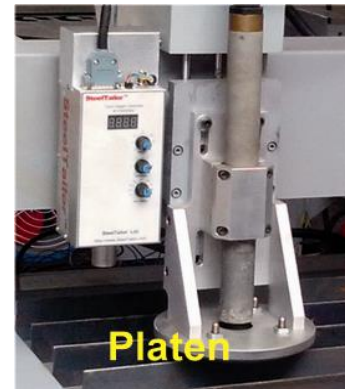
Avoid thermal deformation.  
Avoid adhering slag. Avoid dusts and smoke better



**THC**

#### THC

Automatic arc voltage sensing THC. Unique L shape design for THC torch holder



**Platen**

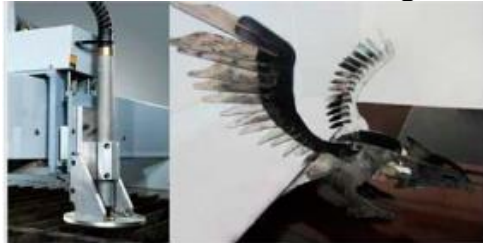
#### Platen

Torch height steady has very good durability.

**MULTI –PURPOSE MACHINE:**

Easy to deal with multi processing needs!

**Sheet Metal Cutting**



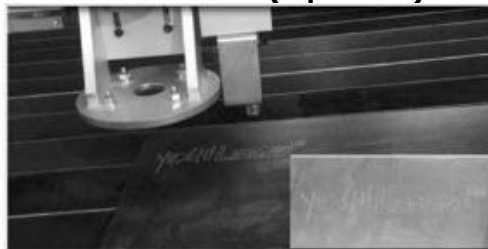
**Thin: 0.3-5mm**  
**Cutting Mode: Platen**  
 Advertising, HVAC Industry

**Thick Metal Cutting**



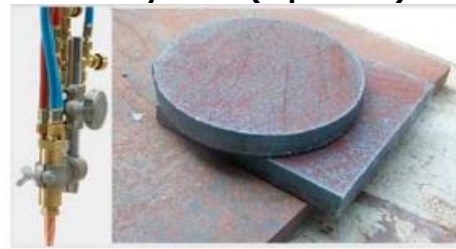
**Thick: 3-22 mm**  
**Cutting Mode: THC**  
 Parts, steel plate processing

**MARKING (Optional)**



**0.4 Mpa, 2200mm/min**  
 Metal, PVC , etc.

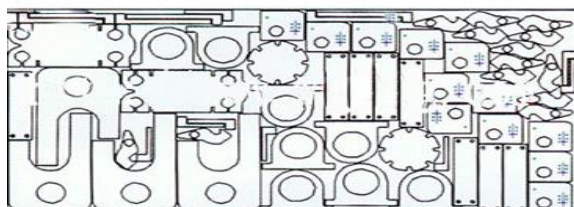
**Oxy-Fuel (Optional)**



**Cutting Speed: 0~800 mm/min**  
**Cutting thickness: 5~25mm**

**Note:**

Cutting speed should be set according to the parameter recommended by the plasma system.



- **FastCAM SOFTWARE**  
 Drawing system, cutting path system, nesting system and calibration system.



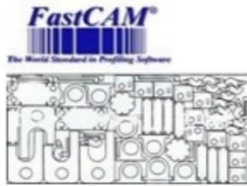
## Technical Parameters:

<b>Model</b>	: <b>Legend B5II</b>
<b>Input Voltage</b>	: 110/220V
<b>Power Frequency</b>	: 60/50Hz
<b>Power</b>	: 1KW
<b>Effective cutting area</b>	: 1500 x 3000
<b>X Axis</b>	: 1500mm
<b>Y axis</b>	: 3000mm
<b>Cutting speed</b>	: 0-8000 mm/min
<b>Cutting thickness</b>	: 0.3-22mm
<b>Cutting mode</b>	: Plasma
<b>Z axis range</b>	: Platen/water jacket/THC
<b>Max. cutting current for plasma power</b>	: Current of plasma $\leq$ 120A
<b>Work mode of plasma</b>	: Non-contact ignition
<b>Processing material</b>	: Carbon steel, stainless steel, copper alloy, nickel alloy and titanium alloy
<b>Longitudinal drive system</b>	: Dual drive step motor
<b>Height control mode</b>	: Platen/water jacket/THC
<b>Controller</b>	: LCD 7" display
<b>Machine size (L x W x H)</b>	: 3800 x 2200mm x 1300mm
<b>Brand New</b>	: <b>China</b>





## LEGEND B5II STANDARD PACKAGE



FastCAM SOFTWARE



Memory Key



Platen



User's Manual



Allen Key



Spanner



Water Jacket



THC Box



THC (L) Torch Holder Assembly



Thin Sheet Cutting Torch Holder (Water Jacket)

### Machine Video :

[https://www.youtube.com/watch?v=pKnY4\\_ktESw&feature=emb\\_title](https://www.youtube.com/watch?v=pKnY4_ktESw&feature=emb_title)

