



**N A R E X**

## **ECONOMICAL TABLE CNC PLASMA CUTTING MACHINE LEGEND B5II**



*YEAH!* **LEGEND™** **LEGEND B5II**

### **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 jacket  
Avoid thermal deformation.  
Avoid adhering slag.  
Avoid dusts and smoke better.



Platen  
Torch height steady has very good durability.

For thick plate  
--Cutting thickness 2mm-22mm



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

#### ▪ **LEGEND B5II-Summarize**

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.



Special thanks to HyperTherm for providing this picture.

▪ **Technical Parameters**

Model	Legend B5II
Input Voltage	110/220V
Power Frequency	60/50Hz
Power	1KW
Effective cutting area	1500x3000: X axis:1500mm Y axis: 3000mm
Cutting speed	0-8000 mm/min
Cutting thickness	0.3-22mm
Cutting mode	Plasma
Z axis range	Platen/water jacket/THC
Max. cutting current for plasma power	Current of plasma $\leq$ 120A
Work mode of plasma	Non-contact ignition
Processing material	Carbon steel, stainless steel, copper alloy, nickel alloy and titanium alloy
Longitudinal drive system	Dual drive step motor
Height control mode	Platen/water jacket/THC
Controller	LCD 7" display
Machine size	1500x3000: 2200mm(width)*3800mm(length)*1300mm (height)

Note :

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



**\*NOTE: with lantek duct module**

