



CNC TABLE PLASMA MACHINE C/W POWERMAX 125

Model : FLASHCUT/POWERMAX125



TECHNICAL DATA:	
Machine color	Baileigh color
Power Voltage:	220V/380V, 50HZ
Effective Cutting Width (mm):	1500
Rail width(mm)	1800
Effective Cutting Length (mm):	3000
Rail length(mm)	3500
Torch up-down moving distance (mm)	170
Idle max Cutting speed (mm/min)	12000
Plasma cutting torch(pcs)	1
Cutting thickness(mm)	Due to plasma

Critical component and benefits	
Plasma power source	POWERMAX 125
servo motor	Panasonic motor
Driving system	dual driving,with 2 panasonic driving motor
Gear box	Gear box, ten years no need maintenance
Rail	HIWIN or TBI brand, Liner rails on X and Y
metal plate presser	supplied with
Automatic THC for plasma	Hugong ARC voltage THC, built-in HG613
CNC controller	Hugong HG613, 17" monitor
Dust removing	waterpool
Important Note	Buyer is responsible to arrange air dry to Plasma Machine to ensure the quality cutting and long time work. (COMPRESSOR+DRYER+FILTER)



Main Part B Brand			
Part name	Brand name	Logo	Origin
CNC controller	Amrican-Hypertherm		USA
Plasma unit	Amrican-Hypertherm		USA
Torch height controller	Hugong		China
Nesting software	Australian FastCAM		Australia
Servo motor-on Y axis	Japanese-Panasonic		Made in China
Servo motor-on X axis	Japanese-Panasonic		Made in China
Servo motor-on Z axis	Japanese-Panasonic		Made in China
Relay	Japanese-OMRON		Made in China
Breaker	French-Schneider		Made in China
Linear rail	HIWIN		Taiwan
alternative	TBI		

Hypertherm® Powermax125

Professional-grade plasma metal cutting and gouging system for handheld cutting 38 mm and mechanized piercing 25 mm.

Capacity	Thickness	Cut speed
Cutting		
Recommended	38 mm	457 mm/min
	44 mm	250 mm/min
Severance (hand cutting)	57 mm	125 mm/min
Pierce*	25 mm	

*Pierce rating for handheld use or with automatic torch height control

Capacity	Metal removal rate	Groove profile*
Gouging		

Typical gouge 12,52 kg/hr 4,3 mm–7,9 mm D x 6,1 mm–9,9 mm W

*Actual groove profile varies with torch angle, arc stretch, and technique



HUGONG WELDERS