

INTECUT-S,light table CNC cutting machine 2*4

Solutions : Hugong INTECUT-S

TECHNICAL DATA:	INTECUT-S 2*4m
Power Voltage:	110V,220V,230V
Input power	180W
Effective Cutting Width (mm):	2000
Effective Cutting Length (mm):	4000
Installation space(mm)	3230*4830
Idle max Cutting speed (mm/min)	5000
CNC controller	&G612, colorful interface
Cutting model	Flame and Plasma
Plasma cutting torch(pcs)	Hugong plasmax 120
Plasma cutting thickness(mm)	as plasma power source
Automatic THC for plasma	supplied with
Flame cutting thickness(mm)	80mm
Fuel gas	: PG, propane,acetylene
Plasma unit cost	



Critical component and benefets

Machine structure	, achine has strong alloy structure, which endures long life working , achine is dual end driving system by stepper motor 5 rail and beam are Hugong unique design.
CNC controller-Hugong HG612	HG612 provides professional functions, 7" screen and languages of English, Russian, Spanish, Portuguese, French, Danish, Korean, Chinese. Motion software built in HG612 support both flame and plasma cutting. Many standby functions to improve cutting quality and speed, such as scale, rotation, mirror,break point memory, Etc.
Nesting software-FastCAM	FastCAM is very experienced in flame and plasma cutting process. FastCAM has Chinese,English,German,Franch,Spanish,Russian etc. FastCAM provides FastCAM drawing, FastNEST auto Nesting, FastPATH auto pathing and FastPLOT verification. ●FastCAM reads and edits DXF/DWG drawings.FastNEST supports AUTO nesting.FastPATH supports auto pathing. ●FastPLOT transfer NC codes between drawings automatically. NC codes are easily to be imorted into HG612. ●Cutting functions: Kerf compensation, plasma bridge, common line cutting, corners, CAD layers, word label, Etc.
USB port	A USB port is mounted on INTECUT-S face panel
Plasma singnal connector	Plasma connector is easy to handle.
Torch holder	Torch holder is designed for holding flame or plasma torch.
Automatic THC	THC supports both flame and plasma cutting

Solutions : Hugong PlasMax120

TECHNICAL DATA:	PLASMAX120
Input power supply	3Ph 380V 50/60Hz
Maximum input current	27A
No-load voltage	320V
Output current range	30~120A
Rated duty cycle (40°C)	100% @ 40°C
Rated input power	22.5KVA
Cooling type	By air cooling
Compressed air pressure	4.6-5.5Bar
Compressed air flow	250L/min
Machine net weight	58kg
Machine size (mm)	620mmX365mmX630mm
Cutting ability	Thickness and speed
Quality cutting thickness (mm)	1~12mm
Pierce thickness(mm)	16mm
Cutting from Edge (mm)	25mm
Cutting speed on 6mm Mild steel(reference)	4000mm/min
Cutting speed on 8mm Mild steel(reference)	3500mm/min
Cutting speed on 10mm Mild steel(reference)	2500mm/min
Cutting speed on 12mm Mild steel(reference)	2000mm/min
Cutting speed on 14mm Mild steel(reference)	1300mm/min
Cutting speed on 16mm Mild steel(reference)	700mm/min



Description

- IGBT module inverter control technology is stable, energy saving and reliable
- Stable output, strong resistance to power grid voltage fluctuation (±15%)
- The energy of the arc is highly concentrated and the stability is good. The cutting speed is fast, the incision is narrow, the light is clear, and it is close to the vertical. The workpiece has small deformation
- The cutting current can be adjusted continuously, it is suitable for cutting different thickness plates
- Light weight, small size, easy to move
- Energy saving, high efficiency, high power factor,
- Two functions of self-locking and non self locking, adapt to the different requirements of the length of the slot, reduce the labor intensity of workers
- With linkage interface to facilitate the composition of automatic cutting equipment



INTECUT-HT



INTECUT5

Cut part at sites

