



PORTABLE CNC CUTTING MACHINE

Model : INTEPIPE



TECHNICAL DATA	
Input power	1 phase, 110V,220V,230V,240V, 50HZ/60HZ
Input capacity(W)	180W
Controller screen	7"
Cutting model	Plasma and flame cutting
Nesting program	compatible to FastCAM, Hypertherm software
Plasma power source	Ready to support Hypertherm 45A 65A 85 105A
Fuel gas	Propane, Acetylene,LPG
Effective cutting size(mm)	1220*6000
Transvers arm size(mm)	2300
Rail size	7000
Pipe diameter(mm)	48 -260
Pipe length(mm)	6000
Cutting beveling	3 axis, no beveling function
Automatic center positioning	function is included for pipe cutting
Positioning speed(mm/min)	6000
THC for Plasma and Flame	supplied with
Flame cutting torch	Not supplied
Flame cutting thickness(mm)	80
Flame cutting speed(mm/min)	100-750
Oxygen pressure	1.5Mpa
Plasma power source	powermax85, dross free 10mm, pierce: 12mm

HUGONG WELDERS

Consumables to be supplied against extra cost:

- For Flame Cutting : Nozzle should match fuel gas.
: Nozzle code should match thickness.

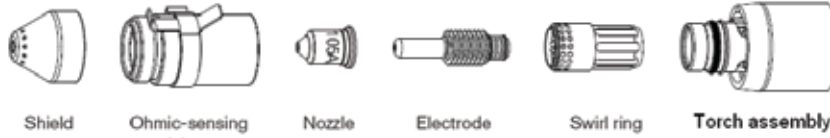


GO2 type for Acetylene



GO3 type for propane and LPG

- For plasma cutting : Each part should match plasma power source model

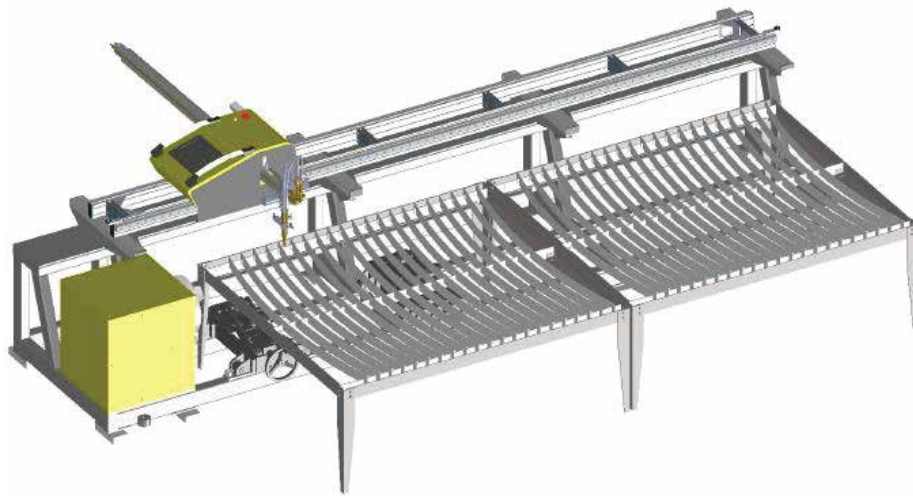


MACHINE FUNCTIONS AND BENEFITS	
Machine design	<ul style="list-style-type: none"> Central unit is fashionable design. With such a beautiful machine, cutting process is a hobby, not a job. Portable equipment and easy installation. Machine is not limited to certain sites A cover is designed on the top. All components can be seen, easy for maintenance.
CNC controller-Hugong HG612	<ul style="list-style-type: none"> HG612 provides professional CNC 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 model. With built-in pipe cutting software
Nesting software-FastCAM For plate cutting	<ul style="list-style-type: none"> FastCAM is from Australia and is very experienced in flame and plasma cutting process. It works in Windows98/2000/NT/XP and has Chinese, English, German, French, Spanish, Polish, Czech, 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 imported into HG612. Cutting functions: Kerf compensation, plasma bridge, common line cutting, corners, CAD layers, word label, Etc.
Nesting software-FI PIPE	For pipe cutting designing
USB port	A USB port is mounted on machine front for input and output NC codes(cutting programs)
Plasma signal connector	INTECUT is easy to change from flame cutting to plasma cutting. Plasma connector is easy to handle.
Rail on Y	Rail is one piece design. Linear guide rail contributes smooth and high precision moving.
Flame cutting torch	Flame torch gas hoses are with metal skin. Suits work in tough environment.
Gas valve	Three electric magnetic valves are used for CNC control easy for fire adjustment and remote control.
Torch holder	Torch holder is designed for holding flame or plasma torch.
Motor for pipe chuck	Panasonic AC servo motor, 1.5KW and 2KW is due to pipe size
Torch height controller	Machine includes Electric motor to adjustment flame and Plasma torch height.



STANDARD PACKAGE	
1. Central unit, 1 set	
2. Rail on Y, 1 set	
3. Transverse arm, 1 set	
4. Rail feet	
5. Flame torch assembly	
6. Electrical motor THC	
7. Torch holder	
8. FastCAM nesting software	
9. Manual and video	
10. power supply cable	
11. Tool kit	
12. Nozzle kits	
13. Nozzle cleaner	

Demonstration for plate cutting:



PACKAGE INFORMATION	
Total weight (kg)	882
Total package size (mm)	4660*1410*1250