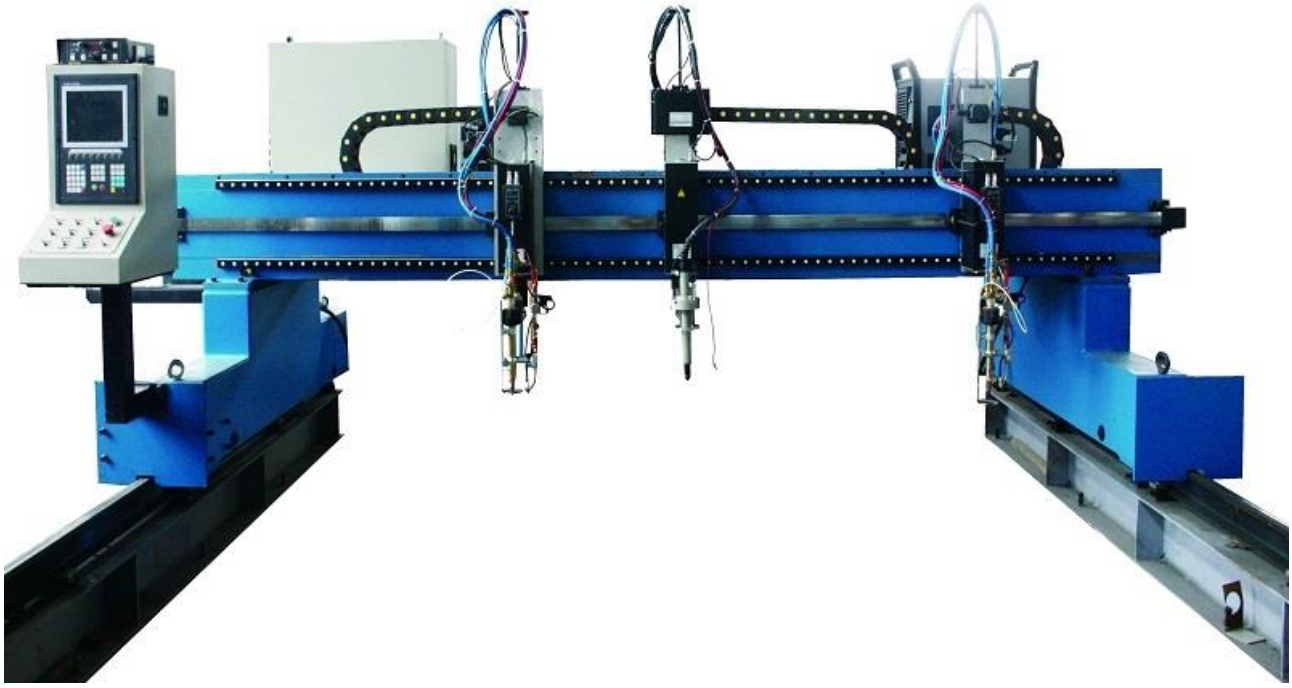
CNC GANTRY PLASMA & FLAME CUTTING MACHINE TW-2060



Customer Requests

1.Effective Cutting Area:2000 * 6000mm

Machine size is width 3000mm * length 7000mm

2.This machine can cut by plasma and flame.(1 plasma torch)

3.Plasma can cut 0-10mm, (Need edge perforation)

Technical data

Voltage	**Machine voltage:220V, single phase** **Power source voltage:380V, three phase**
Cutting effective area(mm)	**Effective Cutting Width (mm): 2000** **Effective Cutting Length (mm):6000**
Machine size(mm)	**The Width of rail (mm): 3000** **The Length of rail(mm) :7000**
Torch up-down moving distance (mm)	**300mm**
Cutting speed (mm/min)	**50-12000mm/min**
Flame cutting torch (Pcs)	
Max flame cutting thickness (mm)	
Plasma cutting torch (Pcs)	**1**
Plasma cutting thickness(mm)	**0-10 mm**
Plasma power source	**Hypertherm**
Cutting speed（mm/min）	**50-12000mm/min**
Torch height controller	**Plasma, Arc voltage height(THC)**
Set the speed error（%）	**≤±5%**

Part two: Essential Equipment

1	Track weight	24Kg/m
2	Plasma torch moving body	1group
3	Plasma Torch Height Controller	Shenzhen HYD
4	Driving way	Bilateral drive
5	Pipe Transmission drive mode	Vertical towline, horizontal towline
6	Controller installation method	Right installation
7	Control System	Shanghai Fangling 2300B
8	Driving Motor (X & Y)	Japan Panasonic servo motor
9	X & Y reducer	Japan Precision reducer
9	Nesting software	SmartNest
10	Torch Height Control	Shenzhen HYD XPTHC-300pt

Part Three: Main parts list and quantity

Parts	Equipment	Qty	Remarks
Control System	**Control unit**	**1**	**Fangling 2300B**
	Accessories	**1 case**	
	Nesting Software	**1 set**	**Smart nest**
Servo Motor	**X axis**	**1 set**	**Panasonic**
	Y axis	**2 sets**	
Flame cut	**Pressure regulatory**	**1 set**	
	Flame torch	**1 set**	
	Ignition	**1 set**	

	Solenoid & hose	**1 set**	
Plasma cut	**Plasma system**	**1 set**	
	Torch Height Control	**1 set**	

More pictures showing

Cutting samples

Package