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CNC CUTTING MACHINE

PLASMA FLAME CUTTING MACHINE

OXY FUEL CUTTING MACHINE

PLASMA CUTTING MACHINE

CONSUMABLES & SPARES

Computer Numerical Control



OFFER FOR OUR CUSTOMERS, WHO ARE ENTREPRENEURS

SMART CUT-H SERIES

HEAVY GANTRY CNC PLASMA FLAME CUTTING MACHINE

Design technology: the introduction of German advanced technology, simulation dynamic testing, with good rigidity and dynamic motion characteristics, the appearance of the aesthetic design, the overall structure is stable, beautiful appearance.

Transmission mode: Precision rack and pinion, international shaft guide rail and servo high precision positioning transmission, flexible meshing and connection of rack and pinion.

Specifications	SMARTCUT-30	SMARTCUT-40	SMARTCU T-50	SMARTCUT-60
Center distance of longitudinal rail	3000mm	4000mm	5000mm	6000mm
Cutting length	Longitudinal rail length -8000mm , can be extended.			
Cutting width	W-450-200XN(W is the longitudinal rail center distance, N is the total number of torch cutting)			
Cutting way	Oxygen/acetylene; Or equipped with air plasma cutting power supply.			
Cutting thickness	Flame cutting ≥200mm; Plasma cutting thickness is determined by the size of the power supply			
Drive way	Bilateral drive			
Running speed	Maximum rapid speed is 12000mm/min, and Cutting speed depends on plasma power supply			
Input power	3.5KW(host power, excluding plasma power supply)			
Input voltage	220 v / 50 hz (single phase)			

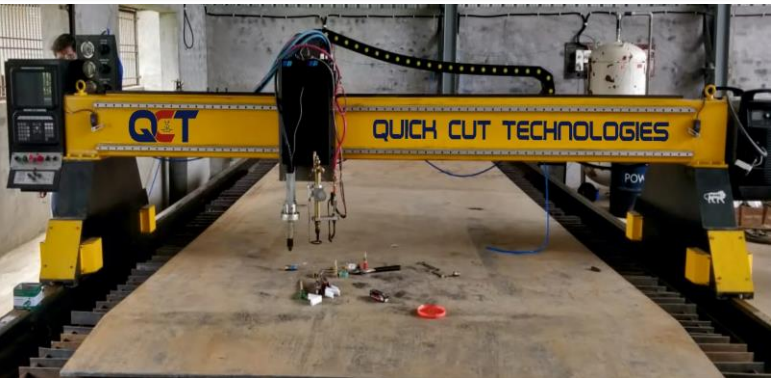


Processing mode: Laser cutting material, ensure cutting size accurate, prevent deformation; Discontinuous welding to ensure welding accuracy and rigidity, to ensure the appearance of the beam quality. Vibration aging ensures the removal of welding stress; CNC milling, to ensure high precision processing size. Integral spray treatment, ensure coating thickness and adhesion.

Beam form: wide body box type, large Welding structure to strength steel Multi-channel reinforcement, super rigidity .

SMART CUT-E SERIES

MEDIUM GANTRY CNC PLASMA FLAME CUTTING MACHINE



Gantry CNC flame/plasma cutting machine is suitable for all kinds off carbon steel, stainless steel and non-ferrous metal plate precision cutting blanking, raise the utilization ratio of plate, time saving material. Nc flame cutting function of thickness of 0.5~150 mm stainless steel, carbon steel and non ferrous metals to high quality cutting

Effective cutting	2500mm,3000mm(Can be extended)
Longitudinal Rail Length	8000mm(Can be extended)
Effective Cutting Length (Y)	6500mm(Rail can be extended)
Drive Mode	Dual-side
Drive Method	Rack and pinion drive for X and Y axis
Flame Cutting Thickness	6-150mm
Plasma Cutting Thickness	0.3--25mm(Depends on plasma power source)
Power source supply	100A/120A/200A
Traveling speed	10000mm/min
Cutting Speed	0-12000mm/min
Motor & Drive	Servo/Stepper with planetary gearbox
Rail	24kg/mtr.
Power Supply	220V 50/60Hz
Cutting Gas	Acetylene,Propane,oxygen
Plasma Gas	Pressed air,Oxygen,N2

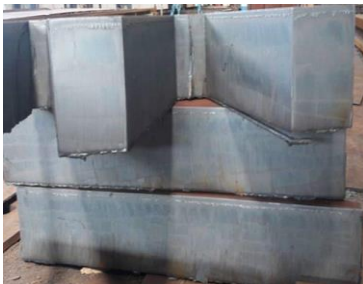
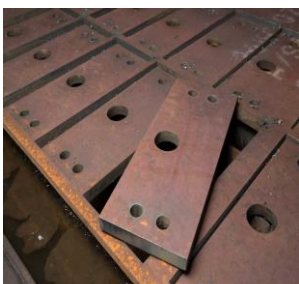
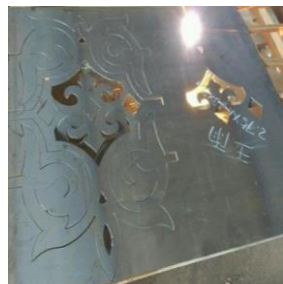


TABLE TYPE

TABLE TYPE CNC PLASMA CUTTING MACHINE



Control system	F2100B
Working area	1500X3000
Cutting method	Plasma cutting
Cutting thickness	Up to 20
Motor & Drive (Dual drive) Rail & rack	Stepper motor with planetary gearbox, T90 Rail and 1.5/2m rack
Plasma Cutting thickness	depended on plasma equipment
Max speed	Upto 6000mm/min.
Oxyfuel/Plasma height control	Plasma torch auto THC F1621
Software	FastCAM nesting software
Power Supply	AC220V/110V 10% 50/60HZ

PORTABLE GANTRY

PORTABLE GANTRY CNC PLASMA FLAME CUTTING MACHINE



Control system	Fangling F2100B
Working area	2500X6000, 1500x3000
Cutting method	Oxyfuel /Plasma cutting
Oxyfuel Cutting	6-60mm/Flame Torch
Oxyfuel Cutting Gas	LPG, Acetylene,O2
Plasma Cutting	According on plasma equipment
Max speed	6000mm/min.
Oxyfuel/Plasma height control	Oxyfuel electric up and down/Plasma torch automatic THC F1621....other
Power Supply	AC220V 10% 50/60HZ

PORTABLE CNC



Machine model	WS-P1530
Cutting area	1500x3000mm
Plasma source	China 120A
Cutting thickness	Plasma 0-20mmFlame 20-200mm
Driving mode	Stepper motor and drivers
Control system	Starfire
Rail system	Round guide rails
THC	Automatic torch height controller

This CNC portable plasma cutter has CNC function like the large gantry CNC cutting machine; it can cut any complex plane figure, applying to oxygen, gas flame cutting and plasma cutting. Like the semi-automatic cutting carriage, this machine is convenient and flexible, free to move, not occupying the fixed site.

PLASMA POWER SOURCE



PLASMA CUTTING CONSUMABLES



HYPERTHERM



YK100H / 200H



FY100 / 200



P-80



THERMAL DYNAMICS



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