Operation Panel

5.7" display screen, with integrated panel, easy fro operation

Transverse Arm

Made of Aluminum alloy, light and easy to move with gas hose laying through the arm



Control System

FastCam nesting software installed, suitable for any shape of cutting, with excellent nesting efficiency

Cutting Torch

Ideal for low carbon steel cutting, edge cutting thickness is up to 150 mm

Rail

Longitude rail with precision gear ensuring exact longitude movement



Description

- Applicable for cutting any complex plane figures as the large-sized gantry CNC cutting machine and support both flame torch and plasma cutter.
- USB port ensures easy transmission program and datd, which converting CAD drawing or drawing composed by computer into G code for cutting of workpiece, saving G code to USB storage and tansfering to cutting machine, and system converting G code into cutting program.
- The integration of cutting software makes drawing, nesting and cutting simple and efficient, providing high level of material utilization & optimization.
- Portable CNC cutting machine is widely applied in industries such as automobile, shipyard, locomotive, petrochemical, aviation and aerospace, boiler and pressure vessel, machinery, decoration and large-size metallic signs. Affordable for cutting and blanking of carbon steel and stainless steel ,copper and aluminum.

Rail Support

Enhance the stability of the working rail

Specification			
Model	CNCB-2500	CNCB-4000I	CNCB-4000II
Input Voltage		110/220V	
Frequency		50/60Hz	
Input Power		180W	
Monitor		LCD 5.7"with keyboard	
Effective Cutting Size(W*L)	1200*2000	1200*3500	1600*3400
Moving speed		Idle speed: 0-2300mm/min	
Flame Cutting Speed		Cutting speed: 6-750mm/mir	1
Transverse Arm	1700 mm	1700 mm	2200 mm
Rail Length	2500 mm	4000 mm	4000 mm
Total Weight	70.9kg	80kg	90kg
Cutting Mode	Flame/Plasma		
Gas		Oxygen	
Cutting Gas	Acetylene, Propane, Methane, Coal gas		

Linear Guide

Linear guide ensure precision cutting

Automatic Capacitor Height Control System:

Height of cutting torch is controlled and adjusted automatically according to the distance between torch and the steel sheet

Flame Cutting Torch

Ideal for cutting of low carbon steel, stainless steel, non ferrous metal, alloy ,etc.



Panasonic Servo Motor

Panasonic A5 Series motor, good output torsion

Beam

Good rigidity, and non deformation after being annealing and stress relieve

Gear Box

German brand, Life time free maintenance Unique low noisy gear

Frame

Used for beam support, equipped with drive motor, gear box and transmission device

Cutting Table

Water cutting table and dry ventilation cutting table are available



Description

- Suitable for plasma, high performance plasma and similar laser plasma cutting, equipped with compact cutting table and hopper, dust extraction unit could be selected separately for extraction of cutting dust and fume
- Lateral movement with precision linear guide rail controlled by servo motor and precision gear box for stable running and precision control.
- Suitable for high speed complicate shape cutting of carbon steel, non-ferrous, stainless steel, aluminum of thickness less than 16 mm in mechanical manufacturing, metal working, etc.

Specification			
Model	CNCT		
Cutting Mode	Plasma		
Drive Mode	Unit Drive Dual Drive		
Rail Distance	1000-1500 1600-2000		
Effective Cutting Width (mm)	Rail distance minus 100		
Effective Length (mm)	Rail length minus 500		
Cutting Thickness	Upon plasma power source		

Beam

Strengthened wide box beam structure ensures the precision movement of the cutting torches

Frame

10 mm good quality steel of strengthened frame design, good nondeformability, stable center gravity and excellent dynamic balance.

Servo drive

MCDH series, speed, location, torque, all in close loop

Rail

HIWIN linar sliding rail ensures sliding precision

Flame Cutting Torch

Ideal for low carbon steel cutting, edge cutting thickness is up to 150 mm

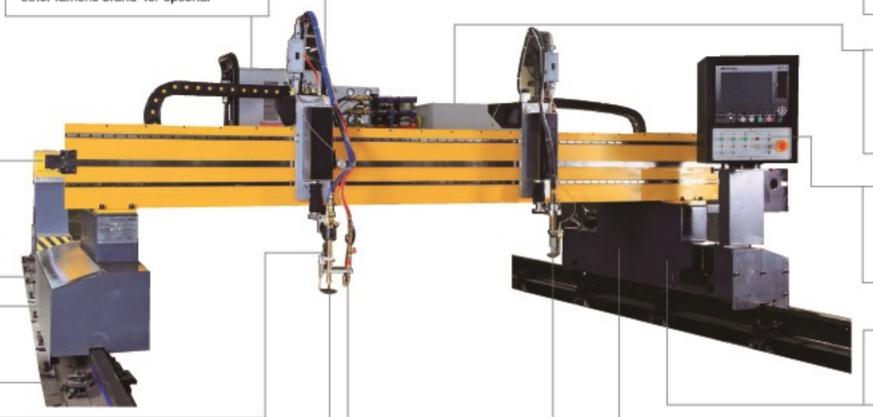
Auto Ignition Device

Auto ignition starts at beginning of each work piece as setting



Plasma Power Source

Hypertherm, Thermal Dynamics and other famons brand for optional



Gas hose

FITT gas hose from Italy with reliable and excellent performance

Automatic Arc Voltage Height Control

Height of plasma cutting torch will be controlled and adjusted according to the plasma output voltage

Control System

Multi function, excellent performance, anti-jamming, good for oxygen gas, plasma, powder spraying and presentation, etc.

Motor

Panasonic A5 Series motor, good output torsion

Plasma Cutting Torch

Ideal for cutting of low carbon steel, stainless steel, non ferrous metal, alloy ,etc. cutting thickness depends upon different plasma power source.

Gear Box

German Brand, life time free maintenance Unique low noisy gear

Description

- A cutting system integrated with computer control, precision machinery and cutting technology.
- Any shape of vertical cutting can be conducted through programmable language.

Automatic Capacitor

Height of cutting torch will be controlled

and adjusted automatically according

Height Control

to the height of steel sheet

- Two identical or similar parts could be cut at the same time.
- Bevel and multi spot cutting are available at request with single torch or three torches.
- Straight cutting torch are available for cutting several pieces of plate as required widths.

Specification Model: GSII-Z(D) 4000-12000 Rail distance (mm) Effective cutting width(mm) 1000 less than rail distance Rail length Customer's requirement Effective cutting length(mm) 2500 less than rail length CNC torch number Customer's requirement Strip torch number Flame cutting thickness (mm) 6-150 Flame cutting speed (mm/min) 50 - 750 Plasma cutting thickness (mm) Upon plasma power source Quick moving speed (mm/min) 12000 Flame cutting gas Acetylene, Propane, Natural gas

Beam

Good rigidity, and no deformation after being annealing and stress relieve

Gas Hose

FITT gas hose from Italy with reliable and excellent performance

Control System

Height of plasma cutting torch is controlled and adjusted according to the plasma output voltage

Frame

Used for beam support, equipped with drive motor, gear box and transmission device

Motor

Dual drive step motor is used for flame

cutting, and servo motor used for plasma cutting

Rail

24KG rail for smooth sliding

Flame Cutting Torch

Ideal for low carbon steel cutting, edge cutting thickness is up to 150 mm







Gas Flow Console

Mounted with the on headstock, easy for operation.

Plasma Cutting Torch

Ideal for cutting of low carbon steel, stainless steel, non ferrous metal, alloy ,etc. cutting thickness depends upon different plasma power source.

Automatic Capacitor Height Control System:

Height of cutting torch will be controlled and adjusted automatically according to the distance between the torch and the steel sheet

Auto Ignition Device

Auto ignition starts at beginning of each work piece as setting







- A cutting system integrated with computer control, precision machinery and cutting technology.
- · Any shape of vertical cutting can be conducted through programmable
- · Two identical or similar parts could be cut at the same time.
- Bevel and multi spot cutting are available at request with single torch or three torches.
- · Straight cutting torch are available for cutting several pieces of plate as required widths.

Specification		
Model:	GSII-XXXXQ	
Rail distance (mm)	3000/3500/4000	
Effective cutting width(mm)	600mm less than rail distance	
Rail length	Customer's requirement	
Effective cutting length(mm)	1500mm less than rail length	
CNC torch (piece)	1-2	
Flame cutting thickness (mm)	6-100	
Flame cutting speed (mm/min)	50 -750	
Plasma cutting thickness (mm)	Upon plasma power source	
Fast moving speed (mm/min)	6000	
Flame cutting gas	Acetylene, Propane, Natural gas	