

## WELDING



## GRINDING



## CUTTING



## SAFETY



## POWER TOOLS



Be Smart Select Smart

# SmartCut Technologies



**Complete Solution for Welding & Cutting**

### DEALS IN :

Fiber Laser Cutting/Welding Machine, CNC Plasma & Flame Cutting Machine, Filler Wires, ARC/MIG/TIG/GAS Welding Equipments, Plasma Accessories, HSS/TCT Core Cutter, Safety PPE, Grinding Wheel & Abrassives, Power Tools, and much more.....

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## COMPANY PROFILE

We want to introduce as a genuine Manufacturer and Traders of Cutting Machine & Welding Machine since last many years by brand name "SMARTCUT" .

We are Providing Products like all kind of Fiber Laser Cutting Machine, Fiber Laser Welding Machine, CNC Plasma Cutting Machines , GAS Cutting Machine, Inverter Based Plasma Cutting Machine, Inverter based ARC / TIG / MIG Welding Machine, Gas Welding & Cutting Accessories, & Industrial Products etc.

We are one of the leading manufacturers of Transformer based ARC, TIG, MIG, PLASMA. Our machines are being supplied and appreciated by our customers located throughout india.

Our moto is to manufacture quality product at reasonable cost.  
Totally manufacturing & trading at **GHAZIABAD & AHMEDABAD.**

**"Our Purpose of Business is to Produce Happiness not to Pile up Millions."**

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## ➤ CNC PLASMA CUTTING MACHINE (Smart-SERIES)



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# **Machine Advantages For Gantry CNC Plasma Steel Plate Cutting Machine:**



The crossbeam adopts the German Messer technology, the gantry frame, and the structure that better eliminates the torsion moment. The crossbeam is a box-shaped steel structure non-rectangular tube structure. After welding, the overall annealing treatment is performed to completely eliminate internal stress. So that it will not deform during long-term use. The stable frame structure makes it have higher cutting accuracy and faster cutting speed.

Vertical and horizontal drive: both adopt precision gear rack (7-level precision) transmission. The horizontal guide rail adopts the linear guide rail imported from Taiwan, and the longitudinal guide rail is made of precision-machined special steel rails, which ensures the stable operation of the cutting machine, high precision, durability, clean and beautiful; the planetary gear reducer is used for deceleration, which can be perfect Ensure the accuracy and balance of movement.



Longitudinal drive frame (end frame): horizontal guide wheels are installed at both ends. The degree of compression of the eccentric wheel at the bottom of the drive frame against the guide rail can be adjusted so that the whole machine maintains stable guidance during the movement. Equipped with a dust collector, it can sweep the debris accumulated on the guide rail's surface at any time.



The drive system uses German NEUGART or Japanese Panasonic AC servo drive to make the machine run more smoothly, the speed range is wider, and the acceleration time is short.





## **Machine Technical Parameters For Gantry CNC Plasma Plate Cutting Machine:**

H -SERIES	Specification				
Gauge (mm)	3000	4000	5000	6000	7000
Effective cutting width (mm)	2200	3200	4200	5200	6200
Machine width (mm)	3800	4800	5800	6800	7800
Cutting mode	Flame Cutting and Plasma cutting				
Drive way	Rack and pinion Drive for X and Y axis				
Drive mode	Bilateral Drive				
Flame cutting thickness	6-200mm				
Plasma cutting thickness	0-50mm (According to Plasma Power Supply)				
Cutting speed	0-6000mm/min				
Idle stroke speed	0-10000mm/min				
Automatic height controller	Flame cutting adopts capacitance Height Control / Plasma Cutting adopts arc voltage height control				
Plasma cutting gas	Air, Oxygen / Nitrogen (fine plasma)				
Flame cutting gas	Acetylene, Propane (optional)				

## ➤ PLASMA CUTTING MACHINES



L GK-120HD



L GK-200HD



L GK-300HD



L GK-400HD



L GK-63 IGBT



L GK-100 IGBT



L GK-160 IGBT

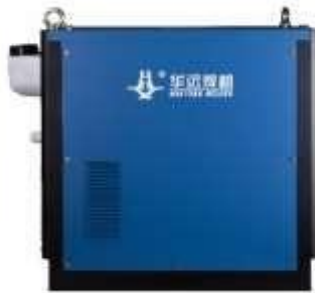


L GK-200 IGBT

## WATER COOLING UNIT



HYW-200F



HYW-400D





HYspeed Pro 105



HYspeed Pro 125



Thermal Dynamics Plasma Cutter



Hypertherm Plasma Cutter

## ➤ TORCHES & CONSUMABLES







P-80



Y-100 / Y-200



FY-A160 / FY-A200



YK-120H



YK-200H



YK-330H



**Hypertherm<sup>®</sup>**



**THERMAL  
DYNAMICS**