

Gantry Type CNC Profile Cutting Machine



"RXNC-2500PG"

Heavy Duty CNC Cutting Machine

Supports Flame & Plasma, Affordable & easy to use

Precision: $\leq 0.05\text{mm}$, Memory Support Nesting

User Friendly, Cutting Software for Free

MODELS:	CNC Gantry Gas Cutting	RXNC-2500G
	CNC Gantry Plasma Cutting	RXNC-2500P
	CNC Gantry Gas & Plasma Cutting	RXNC-2500PG

PRODUCT Features:

- *Frame adopts carbon steel welded structure & overall annealing treatment with high precision & small inertia. XYZ axis is with high precision processing to prevent deformation.*
- *Transmission structure is high precision rack & special reducer. German material Cable to ensure running accuracy.*
- *The drive system adopts USA Chip Control, Double Drive, Panasonic Servo motors. Precision stepper motors are also available to provide AC Power with high torque to ensure smooth running under high speed.*
- *Adopts high precision controller with English language. Machine is equipped with Automatic THC.*
- *Optional Machine Sizes: Width 2m, 2.5m, 3m, 4m Length – 6m, 8m, 10m, 12m, 15m.*

Control System:

10" Colour Controller, completely new version of CNC Controller with many NEW Features

- *64M Memory for Communication*
- *Built in memory*
- *Break point &*
- *Returning to*
- *Kerf*
- *Revolving, Mirror Imaging.*



users program, through USB. for commonly need fig. power–Cut restoration. reference point. Compensation.

Auto IGNITOR:

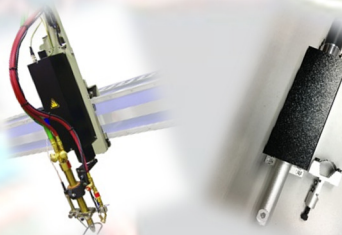
No need to reach all the Controller to torch for torch. Thanks to Auto Voltage circuit, Flash Solenoid valve helps flame @ Cutting torch.



time from igniting the Gas Ignitor. High back arrestor, you to strike the

Lifter Unit for Gas Torch:

No need to torch for adjustment. Control height from CNC Controller.



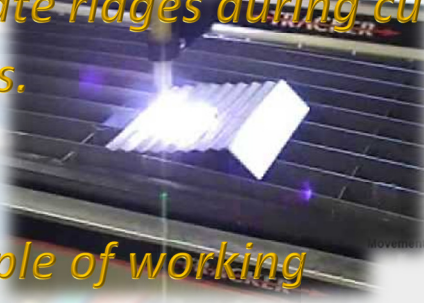
reach to Gas Cutting manual torch height Thanks to lifter. You can (Up/Down) the torch Life was never be so easy.

Automatic Torch Height Controller:

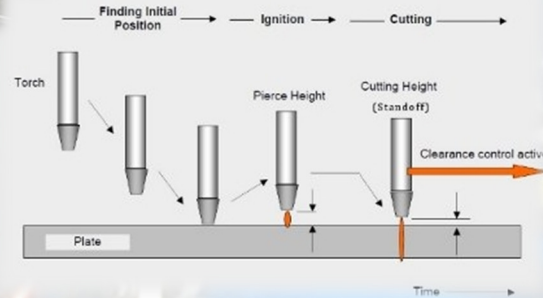
- Gas Cutting torch automatically take the initial position while piercing & gets positioned while cutting to enhance the cutting nozzle life & to improve the cutting performance. Thanks to Capacitance height Controller.*



- Plasma Cutting torch height Controller takes care of initial height, plate ridges during cutting. Thanks to AV Controllers.



- The principle of working

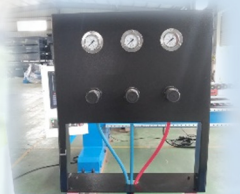


Software:

We need AutoCAD drawings in DXF format. You get free FASTCAM nesting Software along with machine.  Software converts drawings to "G" & "M" coding, which controller understands.

Separate Gas Panel:

Separate Gas Panel to set Cut Oxygen, Fuel Gas & Preheating Gas.



PLASMA Source (Optional):

- Victor Technologies, USA.
- Hypertherm, USA.
- Kjellberg, Germany.
- INDUS ARC.



Technical Parameters:

MODEL	RXNC-2500PG		
BASIC INFORMATION	Cutting Method	Plasma	Flame
	Machine Size	4650 X Length as per order	
	Cutting Material	SS & CS	Carbon Steel
	Cutting Size	2500 (Max. up to 3000) as per length	
	Cutting thickness	According to	6-200mm
		Power Source	
	Lifting Travel	≤ 170mm	
	Max. Travel speed	8000mm/ min.	
	Running Accuracy	≤ 0.05mm	
	CNC Controller	10" Colour	
CONFIGURATION	Electric Parts	Schneider France	
	Auto height Controller	HYD 200DC-PT	CHC-200F
	Motor Drive mode	Panasonic servo motors optional (Stepper motors)	
	Drive System	Dual drive	
	Reducer	Planetary reducer	
	Drive Method	Rack & Pinion	
External Supply	X, Y Axis	High quality rack & pinion and 25 kg Rails	
	Power	220 Volts AC, 3 Phase, 50 Hz	
	Cutting Gas	Compressed Air	Oxygen + Propane
SOFTWARE	Graphic import method	USB	
	Programming Software	AutoCAD (all dxf, dwg, CAM, NC Files)	
	Nesting Software	FastCAM	
ACCESSORIES	Torch	Depend on Source	Flame torch – 1 Set
	Consumables	2 sets	3 Nozzles
PACKING INFORMATION	Dimensions		
	Weight		

Application:



For More Details Contact:

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