



TopTech Ltd.

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RateTech-PRACTEC CNC Gantry Cutting machine

Basic functions of PRACTEC

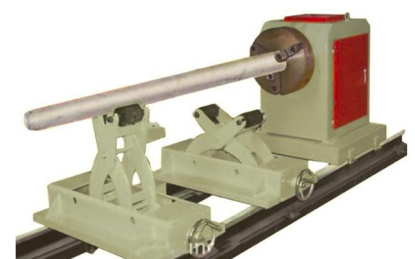
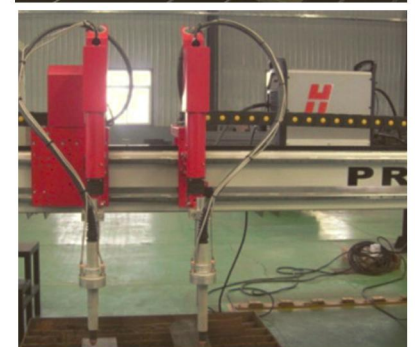
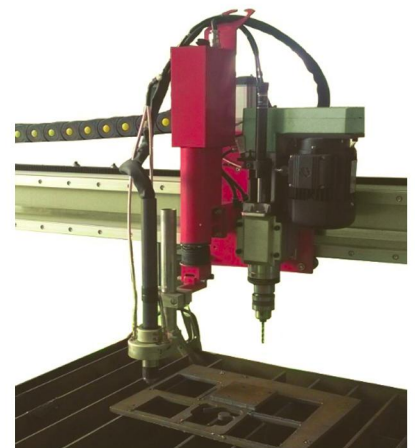
- Support plasma & flame cutting modes;
- Support high power plasma power source;
(Hypertherm Maxpro200, Victor UC200, UC300, TopTech JCH200A, etc.)
- Auto plasma torch height control, AVTHC;
- Anti-collision plasma torch holder;
- Multiple flame torches cutting.

Special functions of PRACTEC

- Support High Definition plasma power sources;
(Hypertherm HPR130, HPR260, Kjellberg Smart Focus130, HiFocus300, etc.)
- Support pipe cutting requires;
- Support drilling and cutting requires;
- Support 2 plasma torches cutting requires.

Advantages of PRACTEC

- Gantry type double drive structure;
- High accuracy rack and gear transmission;
- Steel structure of whole machine guarantee high accuracy, easy for maintenance;
- Professional CNC cutting system with high integration can guarantee accuracy controlling and stable running requires.

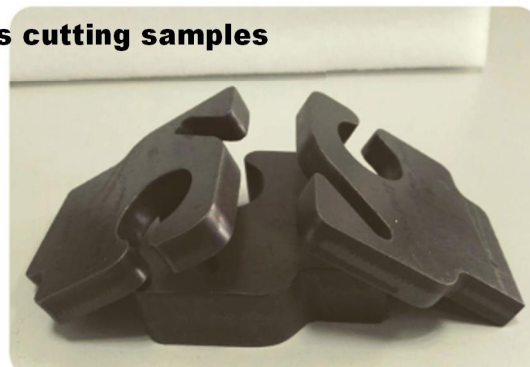


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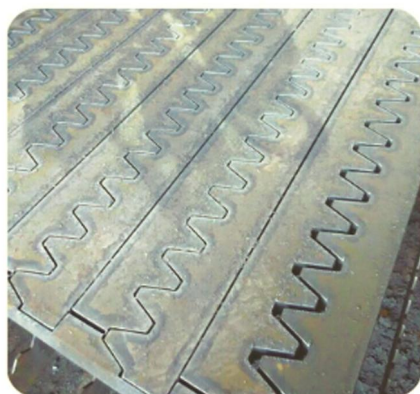


Air plasma power sources cutting samples

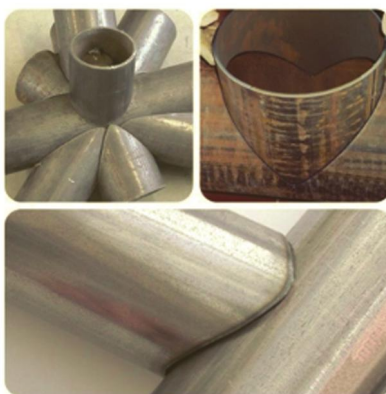


Standard Main Parameters of PRACTEC

Machine type	PRACTEC-3500	PRACTEC-4000
Machine width	1100mm	1100mm
Machine length	4513mm	5013mm
Machine height	1560mm	1560mm
Effective cutting width	Single torch: 3000mm	Single torch: 3500mm
	Double torches:	Double torches:
	1 st torch: 2885mm 2 nd torch: 2875mm	1 st torch: 3385mm 2 nd torch: 3375mm
Machine transmission	Gear/Rack	Gear/Rack
Cutting modes	Plasma or flame	Plasma or flame
Input voltage	AC220V/ other universal single phase input voltage	
Input power	4KW	4KW
Controller	RATE Series 2500	RATE Series 2500
Bearing	Japanese NSK, TNT	Japanese NSK, TNT
Reducer	Taiwan high precision planetary reducer	
AV THC system	RATE Series AVTHC system	RATE Series AVTHC system
Max cutting speed	10000mm/min	10000mm/min
Position accuracy	$\leq \pm 0.5\text{mm}/10\text{m}$	$\leq \pm 0.5\text{mm}/10\text{m}$
Speed control accuracy	$\pm 1\%$	$\pm 1\%$



Racks cutting samples



Pipe cutting samples



Drilling samples

Professional cutting solutions