



# TopTech Ltd.

Address: No. 69 Yangzhuang Street,  
Shijingshan District, Beijing  
E-mail: info@toptechone.com



## II. CNC Cutting Machines

2). Gantry CNC cutting machine--RateTech Protec  
RateTech Protec is gantry type CNC cutting machine, which can adopted multiple cutting torches.

Main technical parameters of **RateTech Protec**

Type	RateTech Protec			
Input voltage	380V, 3 phase, 50/60Hz			
Input power	3KW			
Rail gauge (mm)	3000	4000	5000	6000
Cutting width (mm)	2300	3300	4300	5300
Machine width (mm)	3600	4600	5600	6600
Track length	According to customers' requires (3m is min unit)			
Effective cutting length	2000mm for every 3m track length			
Position accuracy	$\leq \pm 0.2\text{mm}/10\text{m}$			
Repeatability	$\leq \pm 0.2\text{mm}/10\text{m}$			
Cutting modes	Plasma or flame			
Cutting speed	0-24000mm/min			
CNC controller	German CNC controller			
Torch height control system	Plasma THC			
Drive mode	Dual servo drive			
Cutting software	IBE / FastCAM basic version; FastCAM professional version (optional)			
Cutting material	Carbon steel, stainless steel, copper alloy, nickel alloy, titanium alloy, etc.			
Cutting table (optional)	Dry cutting table or water cutting table			
Plasma cutter (optional)	Hypertherm, Victor, Toptech JCH series plasma cutter			