

## CNC Plasma Cutting Machine Gantry



### Scope:

Complete basic machine includes CNC Gantry structure with dual ac servo drive for Longitudinal, Precision Rack and Pinion with planetary gear box, cable drag chain for cross axis, interface panel and gas console.

### Gantry designed structure:

Made of high quality steel structure with suitable spar/pads welded formmounting Lm guide ways and rack. The Spar/Pads are precisely machined. Torch mounted plates are mounted on LM blocks. Gantry station move on precision on rack and pinion arrangement.

### Technical data of machine

Effective Cutting Length	: 7000 ( As Per Requirement Maximum 40 Mtr Length )
Effective Cutting Width	: 3000 (As Per requirement)
Moving Speed : PLASMA	: 0-12000 mm/min
Weight	: 2000 KG (Approx)
Plasma Source Hypertherm Powermax	: 45amp, 65amp, 85amp, 105amp, 125amp, Maxpro 200amp
PlasmaCutting Speed	: As Per Plasma
Cutting Thickness	: Source Selected
CNC System	: HYD Controller
Auto Torch Height Controller	: Anti-collision with arc voltage with HIS
Programming Software	: MOST-2D NESTING / Star CAM/ Fast CAM
Drive Mode	: Dual Drive with Servo Motor
Servo System	: Panasonic Motors & Drive
Gearbox	: SHIMPO/ZD
Rack & Pinion Assembly	: YYC Brand Make Taiwan 25x25 mm cross section with 2 modules HELICAL
Drag Chain	: Fully Enclosed Drag Chain For Machine Wiring Safety
Linear Guide	: Hi win Taiwan Make / YYC brand Taiwan

## CNC Plasma With Oxy Fuel Cutting Machine Gantry



### Scope:

Complete basic machine includes CNC Gantry structure with dual ac servo drive for Longitudinal, Precision Rack and Pinion with planetary gear box, cable drag chain for cross axis, interface panel and gas console.

### Gantry designed structure:

Made of high quality steel structure with suitable spar/pads welded formmounting Lm guide ways and rack. The spar/pads are precisely machined. Torch mounted plates are mounted on LM blocks. Gantry station move on precision on rack and pinion arrangement.

### Technical data of machine

Effective Cutting Length	: 7000 ( As Per Requirement Maximum 40 Mtr Length )
Effective Cutting Width	: 3000
Moving Speed	: (Approx) 12000 MM/Min
Weight	: 2000 KG
Plasma Source Hypertherm Powermax	: 45amp, 65amp, 85amp, 105amp, 125amp, Maxpro 200amp
PlasmaCutting Speed	: As Per Plasma
Cutting Thickness	: Source Selected
CNC System	: HYD Controller
Auto Torch Height Controller	: Anti-collision with arc voltage with HIS
Programming Software	: MOST-2D NESTING / Star CAM/ Fast CAM
Drive Mode	: Dual Drive with Servo Motor
Servo System	: Panasonic Motors & Drive
Gearbox	: SHIMPO/ZD
Rack & Pinion Assembly	: YYC Brand Make Taiwan
Drag Chain	: Fully Enclosed Drag Chain For Machine Wiring Safety
Linear Guide	: Hi win Taiwan Make / YYC brand Taiwan

## CNC Fiber Laser Cutting Machine

### IPG LASER SOURCE "OPEN BODY"



### Scope:

Complete basic machine includes open body structure with dual ac servo drive for Longitudinal, Precision Rack and Pinion with planetary gear box, cable drag chain for cross axis, interface panel and gas console.

### Open Body designed structure:

Made of high quality steel structure with suitable spar/pads welded formmounting Lm guide ways and rack. The Spar/Pads are precisely machined. Torch mounted plates are mounted on LM blocks. Gantry station move on precision on rack and pinion arrangement.

### Technical data of machine

Effective Cutting Length	: 3150	Effective Cutting Width	: 1550
Moving Speed	: 0-8000 mm/min	Laser Source	: Up To 4KW
Cutting Speed / Thickness	: As Per Plasma / Source Selected		
CNC System	: Cypcut / Tex computer		
Auto Height Control	: Anti-collision with arc voltage with HIS		
Programming Software	: MOST-2D NESTING / SIGMA PROFETIONAL		
Drive Mode	: Panasonic 1.5 KW A6 series		
Servo System	: Panasonic 1.5 KW A6 series		
Gearbox	: Shimpo, ZD	Make	: Japan
Rack & Pinion Assembly	: YYC Brand Make Taiwan		
Linear Guide	: Hi win Taiwan Make / YYC brand Taiwan		
Drag Chain	: Iguis fully enclosed	Make	: Germany
Installation	: Including		
Warranty	: Years machine and 2 years on laser source		
Laser Head	: Laser According to Source		
Structure	: Laser body structure 2062 grad steel structure with Heat Treatment Certificate		
Consumables	: 5 set		
Pallet exchanger	: Single / Dual pallet as per customer requirement (Optional)		

## CNC ROUTER Machine

### TABLE TOP SPINDLE MOTOR : 6 KW



### Scope:

Complete basic machine includes table top structure with dual ac servo drive for Longitudinal, Precision Rack and Pinion with planetary gear box, cable drag chain for cross axis, interface panel and gas console.

### Table Top designed structure:

Made of high quality steel structure with suitable spar/pads welded formmounting Lm guide ways and rack. The spar/pads are precisely machined. Torch mounted plates are mounted on LM blocks. Gantry station move on precision on rack and pinion arrangement.

### Technical data of machine

Effective Cutting Length	: 2500
Effective Cutting Width	: 1250
Moving Speed	: 0-8000 mm/min
Weight	: 1000Kg
Spindle Moto	: 6 - KW Spindle Up To 6 KW (Water Color)
Z MAX-in	: 300MM
Power supply	: AC490V/50~60HZ/3Phase
CNC System	: ADTECH 7" CNC Controller
Ball screw for "Z"	: 25MM Higher Accuracy
Drive Mode	: Dual Drive with Servo Motor / Stepper Motor
Servo System	: Panasonic Drive And Motors
Gearbox	: SHIMPO/ZD (For Servo)
Rack & Pinion Assembly	: YYC Brand Make Taiwan
Linear Guide	: Hi win Taiwan Make / YYC brand Taiwan
Drag Chain	: Drag Chain for machine wiring safety
Engraving & Cutting Tools	: 4 No. (Standard)