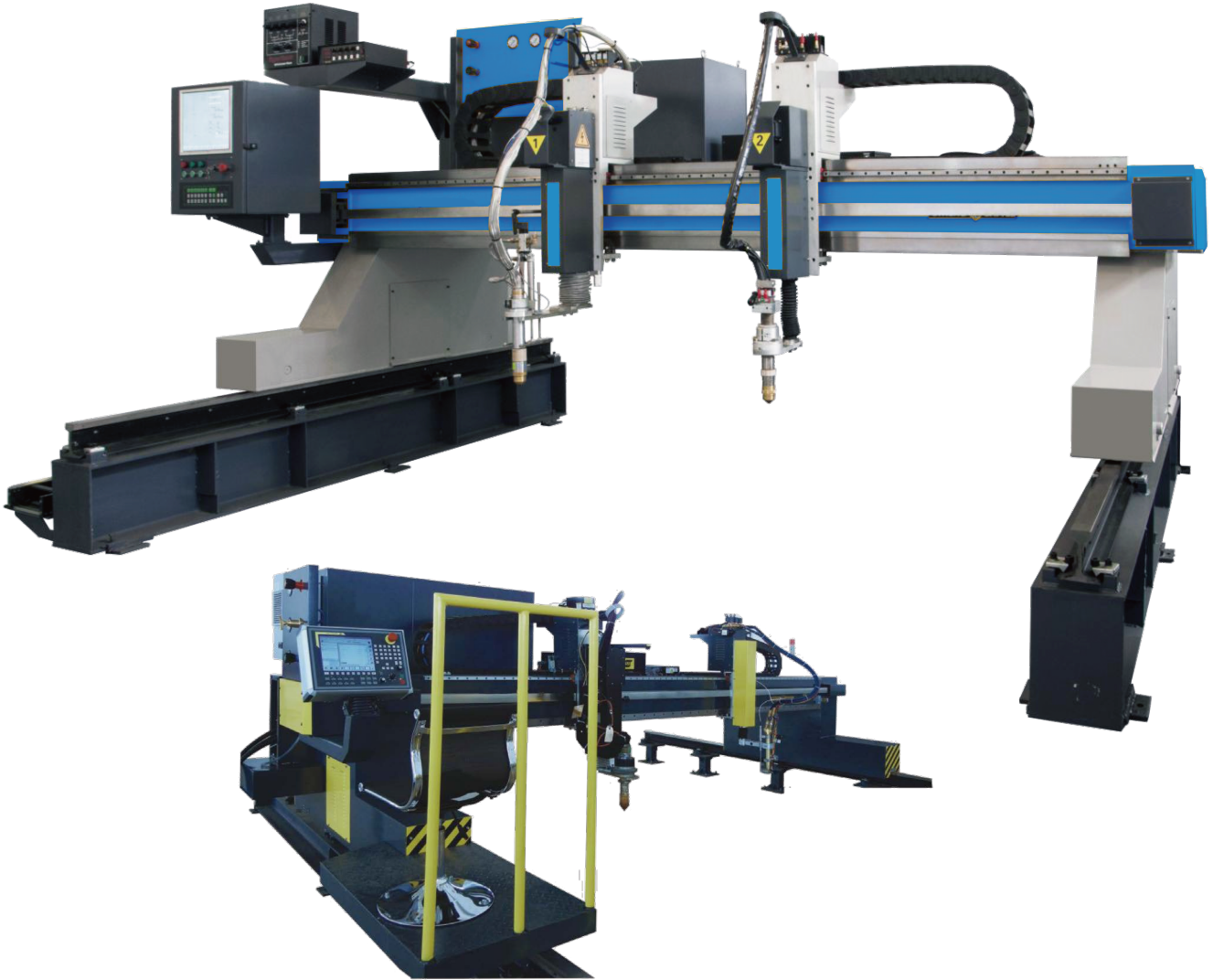


ACCURL PRECISE CNC PLASMA FLAME CUTTING MACHINE PS SERIES



STANDARD COMPONENTS

- Make up of gas decompression valve and pressure gauge. Clear to check the whole machine pressure.
- Adopt U71 heavy-duty rail by fine machining.
- According to user's requirement, assemble CNC flame single torch, power-spray scribe torch, stamping unit, plasma mechanical torch or linear triple cutting torch, and also fit auto igniter and auto height controller.
- To ensure the beam won't deform, it is designed in welded square structure, tempered to eliminate mechanical stress, and then processed by precision machinery. It has high mechanical strength and good rigidity. High-precision and fine-grounded guide rail, gear wheel and gear rack in high steel quality are assembled on top of the beam. Therefore, the accuracy of lateral movement can be guaranteed. The transverse track is bolted on the beam for the convenience of replacement and adjustment.
- Used in the tracheal cable transmission of numerical control cutting torch, it can work continuously without generating mechanical fatigue.
- To achieve synchronous motion of two supporting plate by steel strip.
- The primary master drive is equipped with horizontal oriented wheel to keep stable guidance in operation. There are scraping crumbs on both sides of the driving shelf. They can clear the guide rail.

MAIN FEATURES

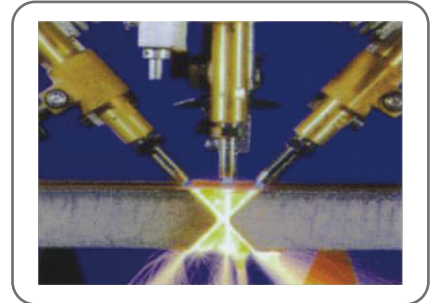
- Beam adopts Q345B welded square steel tube structure with stress release by tempering, it has high intensity and rigidity.
- After precision machining of the surface, the crossbeam has good rigidity and high precision and excellent heat dissipation.
- The product is suitable for equipment with any kinds of CNC systems.



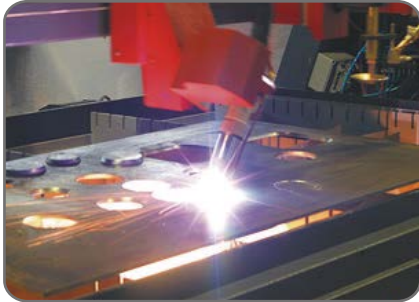
Japanese Shimpo Planetary Gearbox



Panasonic Servo Motor



Linear Triple Cutting Torch



CNC Bevelling



Drilling Head



Tube Cutting

SPECIFICATIONS

ITEM	UM	PARAMETER
Track span	mm	Less than 4000 using single driver
Track length	mm	According to customers' requirement
Transverse effective cutting	mm	800 shorter than track span
Longitudinal effective cutting	mm	3000 shorter than track length
Longitudinal rails	m	2m per rail. It may be increased or reduced in accordance with users' requirement
No of torches	set	According to customers' requirement
Cutting speed	mm/min	0-6000
Traveling speed	mm/min	0-12000
Torch lifting range	mm	200
Plasma cutting thickness	mm	Depending on plasma power supply
Flame cutting thickness	mm	6-350

Type	Cutting Table mm	Machine Width mm	Machine Length mm	Machine Height mm	Table Height mm	Table Width mm	Table Length mm	X Axis Stroke mm	Y Axis Stroke mm	Weight kg
PS 2012	2200 x 12800	4250	14200	2200	750	2200	11200	2800	10200	11000
PS 2016	2200 x 16800	4250	18200	2200	750	2200	14400	2800	16200	13000
PS 2020	2200 x 20800	4250	22200	2200	750	2200	19200	2800	20200	17000
PS 2024	2200 x 24800	4250	26200	2200	750	2200	22400	2800	24200	21000
PS 2028	2200 x 28800	4250	30200	2200	750	2200	27200	2800	28200	25000
PS 2512	2700 x 12800	4750	14200	2200	750	2700	11200	3300	10200	29000
PS 2516	2700 x 16800	4750	18200	2200	750	2700	14400	3300	16200	14000
PS 2520	2700 x 20800	4750	22200	2200	750	2700	19200	3300	20200	18000
PS 2524	2700 x 24800	4750	26200	2200	750	2700	22400	3300	24200	22000
PS 2528	2700 x 28800	4750	30200	2200	750	2700	27200	3300	28200	26000
PS 3012	3200 x 12800	5250	14200	2200	750	3200	11200	3800	10200	30000
PS 3016	3200 x 16800	5250	18200	2200	750	3200	14400	3800	16200	15000
PS 3020	3200 x 20800	5250	22200	2200	750	3200	19200	3800	20200	19000
PS 3024	3200 x 24800	5250	26200	2200	750	3200	22400	3800	24200	23000
PS 3028	3200 x 28800	5250	30200	2200	750	3200	27200	3800	28200	27000
PS 3512	3700 x 12800	5750	14200	2200	750	3700	11200	4300	10200	31000
PS 3516	3700 x 16800	5750	18200	2200	750	3700	14400	4300	16200	20000
PS 3520	3700 x 20800	5750	22200	2200	750	3700	19200	4300	20200	24000
PS 3524	3700 x 24800	5750	26200	2200	750	3700	22400	4300	24200	28000
PS 3528	3700 x 28800	5750	30200	2200	750	3700	27200	4300	28200	32000
PS 4012	4200 x 12800	6250	14200	2200	750	4200	11200	4800	10200	17000
PS 4016	4200 x 16800	6250	18200	2200	750	4200	14400	4800	16200	21000
PS 4020	4200 x 20800	6250	22200	2200	750	4200	19200	4800	20200	25000
PS 4024	4200 x 24800	6250	26200	2200	750	4200	22400	4800	24200	29000
PS 4028	4200 x 28800	6250	30200	2200	750	4200	27200	4800	28200	33000