

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.



Drilling Head



Dust Removing Equipment(optional)



Driven System



Hypertherm XPR-170



Connect System



Automatic Lubrication Device



Filter (Optional)

- Capacity: 4000- 8000 - 12000 m³/h.
- Specially designed for extraction and filtration of dust, fume and smoke generated during cutting operation.
- Filter unit assembled and ready to work with motor, fan, control panel and automatic cleaning system.
- Spark separator that minimizes the fire risk is standart for every model.
- Ventilator type santrifuge
- Automatic jet-pulse cleaning Filter
- Low Sound Level



Standard Capacitys with MAXPRO 200



Standard Capacitys with HPR 130 XD



Standard Capacitys with HPR 260 XD



Standard Capacitys with HPR 400 XD



Standard Capacitys with HPR 800 XD

SPECIFICATIONS

Type	Table Width mm	Table length mm	Height Under Torch mm	Machine Width mm	Machine Length mm	Machine Height mm	Table Height mm	X Axis Stroke mm	Y Axis Stroke mm	Weight kg	Max. Positioning speed (X-Y) m/min	Total Power consumption/without Plasma system kw
CPL-1020	1100	2100	150	1850	3420	1710	800	1050	2050	2050	30	4
CPL-1630	1600	3100	150	2350	4420	1710	800	1550	3050	2550	30	4
CPL-2040	2100	4100	150	2850	5420	1710	800	2050	4050	3150	30	4
CPL-2080	2050	6100	150	2200	7420	1710	800	1550	6050	4750	30	4
CPL-2680	2550	6100	150	2850	7420	1710	800	2050	6050	5150	30	4