

DAMA

HYPER X Series X-Definition CNC Plasma Cutting Machine

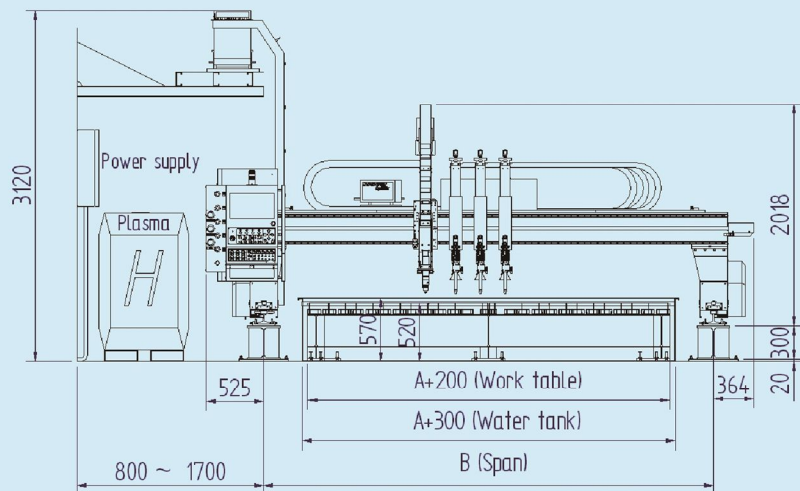


Features

1. Gantry design for heavy duty: Ensuring both precision and reliability.
2. Two full sized saddles, running on longitudinal guide rails: Giving high precision and durability.
3. High speed digital EtherCAT communicate interface between controller and digital AC servo drive system enhances overall machine system reliability, the positioning speed up to 18 M/min.
4. Linear guide for transverse precision and durability.
5. 300mm width transverse guide, stability and precision even with heavy torch suspension units.
6. Transverse energy feed chains: Giving efficient transportation of hoses and cables.
7. HYPER X config Edge Connect controller, Sensor THC plasma height sensor and XPR X-definition auto-gas plasma, provides high performance and achieve repeatable excellent cutting quality.
8. Phoenix software built-in ProNest CNC which can automatically generate cut program from build-in 68 pattern or external DXF input. Also can automatically setting the process parameters of mild steel, stainless steel and aluminum to ensure the best cutting performance.
9. User-friendly CutPro™ Wizard embedded.
10. DXF and DWG file can be input directly and through built-in ProNest CNC to process array nesting for single part. (Option True shape module for Multi parts nesting).
11. 19" touch screen and Windows 10 embedded operation system.
12. True hole cutting technique : for the mild steel cutting, the hole diameter can be processed 1 ~ 2 times thickness of the plate (below 26mm) without post-processing.
13. Option the VMI or OptiMix gas control console of XPR to achieve high quality cutting for stainless steel and aluminum.
14. XPR Plasma status and diagnostics can be monitored from CNC controller or WiFi remote monitor.

SPECIFICATIONS

Model	Hyper X 2500	Hyper X 3100	Hyper X 4000	Hyper X 5000	Hyper X 6000
Effective cutting width (A)	2500 mm	3100 mm	4000 mm	5000 mm	6000 mm
Rail span (B)	3500 mm	4100 mm	5000 mm	6000 mm	7000 mm
Effective cutting length	6500 mm+(X)				
Rails length	9000 mm+(X)				
Cutting speed	1-6000 mm/min				
Rapid speed	18000 mm/min				
CNC Power supply	3 phases, 220V, 50~60Hz, 5KVA or on request				
CNC controller: Edge Connect					
<ul style="list-style-type: none"> Phoenix software built-in cut charts for automatically setting process parameters. Built-in CutPro™ Wizard easy use. 19" touch screen and Windows 10 embedded operation system. RAM ≥ 4GB · 120GB SSD Hard Drive · USB ports x4 · LAN · EtherCAT · WiFi. Software utilities: Remote Help, CutPro® Wizard and ProNest CNC simple shape nesting. 					
Plasma height sensor: Hypertherm Sensor THC					
Plasma : Hypertherm XPR 300					
Plasma power supply request: 71.43 KVA , 3 phase, voltage on request.					
Plasma gas request:	CORE: O ₂ ,Air,N ₂	VWI: O ₂ ,Air,N ₂ ,H ₂ O,F ₅	OptiMix: O ₂ ,Air,N ₂ ,H ₂ O,F ₅ ,H ₂ ,Ar		
Option	<ol style="list-style-type: none"> Oxy-Fuel cutting kit: <ul style="list-style-type: none"> One Oxy-Fuel torch with motorized torch lifter and station. Regulator & pressure gauge and manifold. Oxy-Fuel cutting logic sequence control & operation panel. Add Motorized Oxy-Fuel torch Oxy-Fuel cutting torch height sensor (capacitive) Zinc powder marking torch Water spray Electrical ignition unit Rail's extension unit : Per 3000mm/unit (X) Off line Software(ProNest 2017) 				



Unit:mm

This information is subject to change without prior notice.