



PHANTOM

Premium 1 year warranty included

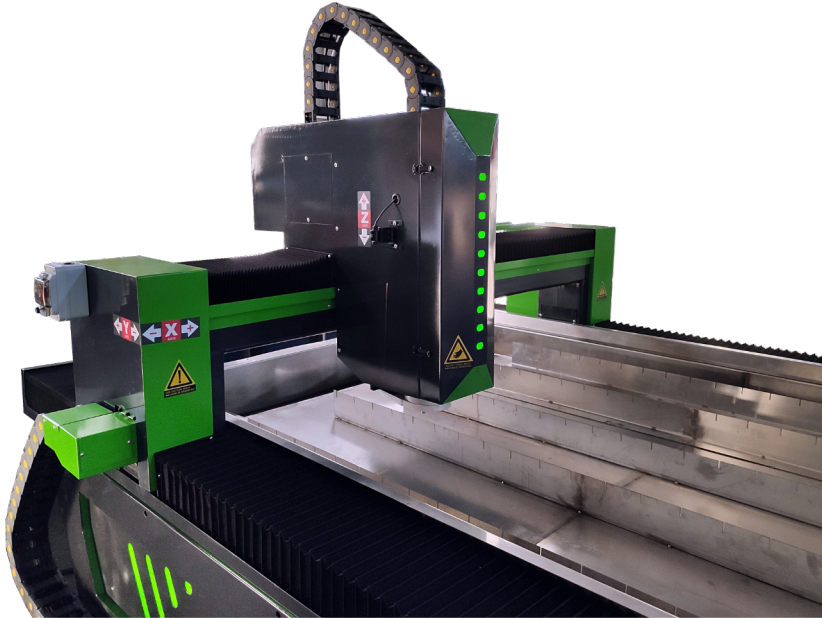


CNC PLASMA CUTTING SYSTEM

Premium 1 year warranty included

PHANTOM CNC PLASMA

Machine Overview



Common Industries:

Aerospace
Ship Building
Steel Fabrication
Automotive Engineering
General Fabrication
Heavy Equipment
Pipe, Vessel & Tanks
Offshore Equipment
Rail & Transportation
Agriculture

& Much More...

Our **Phantom CNC Plasma Cutting Tables** give manufacturers the ability to use our whole range of **GYS** cutting torches in a CAD/CAM environment.

Heavy sheet plate can be placed onto the Phantom by using the integrated roller bearings to aid loading. With it's unrivalled affordability and combined high performance, the Phantom stands as a logical option for many of our customers.

By attaching the **GYS** range of cutting torches (Mantech are UK distributors for GYS) you can process heavy sheet metals with impressive accuracy and repeatability.

Some of our customers also **combine Plasma Cutting Technology with our range of Fibre Laser Cutting Systems.**

Read on for full specifications and torch options.

High precision metal cutting at affordable prices. The Phantom is a The perfect choice for any fabrication workshop.

PHANTOM CNC PLASMA

Standard Features & Equipment

Work Table	Stainless steel water tray with quick draining system. Complete with side mount ball transfer rollers for easy plate loading
Drive Motors	Closed loop hybrid drive system
Mechanical Drives	Rack & pinion on X and Y. Reciprocating ball screw on the Z axis.
Torch Control	THC microstep digital torch height control. High speed precision arc voltage control. Fitted with an anti-collision sensors to reduce the risk of torch damage.
Power Max Package	Consisting of a 50ft torch lead with remote on/off switch.
Air Filtration	Filtration kit with 1-micron filter and auto drain moisture separator.
Consumable Kit	Powe Max essential mechanised cutting kit.
Display/control	Electrical cabinet with CNC control and display.
Software	Vetric Cut 2D - CAD design pacakge that can import DWG, DXF, PDF etc. Component nesting for material optimisation.
Delivery	UK mainland included (Offloading and siting of the machine is the end user's responsibility; additional cost option if required). HIAB delivery also available, ask for details.
Installation	Our professional installation team will fully commission your new machine - customer must have the correct electrical/air outputs available (we will advise you on what is required).
Training	Full operational training included, combined with basic software use.
Warranty	1 year standard parts and labour warranty with extended warranty periods available.
Optional Upgrades	

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PHANTOM CNC PLASMA

M-TECH Motion Control



M-Tech Motion Control Features

Touch Screen Operation	Control your Plasma CNC via touch operation (including traditional methods such as mouse and keyboard).
Microsoft Windows Based Operating System	Familiar operating environment - easy to use.
Network Capable	Connect the machine to your network - easy transfer files from your design department to the Plasma CNC.
Run Third Party Software	As this is a windows based machine, run other software such as V-carve, directly at the machine.
Wireless Pendant	Control your machine with your wireless pendant for ultimate granular controls. Including custom macro functions assigned to your pendant.
Work-piece Simulation Mode	Get a 3D view of your project and simulate processing just before cutting. Saving on waste materials.
Project Duration	Easily see how long the cutting process will take with accurate time measurements.
Advanced Algorithms	The system constantly reads g-code multiple steps ahead of the actual movement, analysing and adjusting pre the event. Extremely efficient operation.
Integrated Torch Height control	Our motion control system uses an analogue input in order to maintain a fixed height over the material when cutting. Enabling clean accurate cutting over the full length of the Plasma table.
G-Code Edit	Enables the user to make alterations to the g-code. Including a jump to line function.

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Bed sizes

Model	Length	Width
Phantom P14	1400	1400
Phantom P26	2600	1400
Phantom P31	3100	1600
Phantom P20	3000	2000
Phantom P40	4000	2000

Dimensions

Model	Length	Width	Height
Phantom P14	2870	2250	1650
Phantom P26	4070	2250	1650
Phantom P31	4670	2450	1650
Phantom P20	5000	3050	1650
Phantom P40	6000	3050	1650