

Hurricane

CNC Plasma Cutting Machine

The *Hurricane* cnc plasma profile cutting machine has been designed using the latest technology to produce the highest quality plasma cutting available to date.

The integral sectional fume table ensures that there is no loss of suction even when the cross bins are full, the dual side drives are connected to high quality backlash free racks and pinions and linear bearings, which provide the platform for this True hole technology enabled machine.



The *Hurricane* utilizes Hypertherm's integrated plasma cutting solution to provide optimized cutting regardless of operator experience.

EDGE Pro shape cutting control is the brain of the system controlling all aspects of the cutting process.



- The 15 inch SAW (surface acoustic wave) touch screen provides a reliable operator interface and feedback from all components of the system.
- The cutpro wizard allows new operators to cut production parts in less than 5 minutes.
- All cutting parameters are built in, eliminating operator error.
- Network access provides part program loading, remote help and software updates

Arc Glide torch height control.

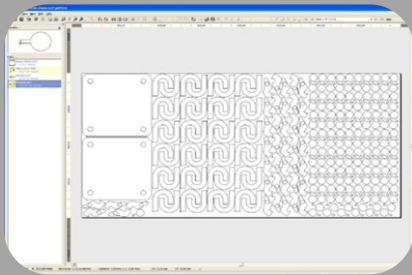
- Provides optimal consumable life.
- Magnetic torch breakaway with rapid reinstall.
- Increased productivity.
- Robust design.





HPR 130/260XD Auto gas plasma cutting system.

- Pierce ,cut and mark up to 40mm plate.
- Superior cut quality and consistency.
- Maximised productivity
- Minimised operating costs.
- Unmatched reliability.



ProNest nesting software

- Easily nests parts.
- 2D and 3D CAD file import and conversion.
- Automatically applies optimal cutting techniques.

Table Specifications

- Cut areas of 3m by 1.5m, 3 by 2m and 4m by 2m
- Cutting table made from a fabricated sectional frame fitted with hardened and ground linear slideways on to which the cutter carriage is directly mounted.
- The carriage is driven by precision rack and pinion gears through the servo motor and gearbox assemblies.
- Cables and supplies are delivered by a drag chain fitted to the side of the machine.
- Hypertherm EDGE Ti cnc control system with built in torch lifter assy
- Three axis servo Ac drive system, driven by precision rack and pinion gears through motor gearbox assemblies.
- Sealed motor mounted encoders.
- Automatic bearing lubrication system keeps bearings and slideways lubricated without the need to stop the machine.

Options



DFPRO Fume extraction system:

- Robust Design
- High performance filters
- Better cleaning efficiency
- Low pressure drop spark trap
- Easy maintenance
- Quiet operation

