

ALPHA AP series CNC plasma cutter is a great low cost equipment for the small and medium-scale enterprises, CNC Plasma Cutter can be widely applied in industries such as automobile, shipyard, HVAC, locomotive, petrochemical, aviation and aerospace, boiler and pressure vessel. It can be widely used in cutting carbon steel, stainless steel, aluminium for one-off or repetitive jobs.

Suitable Materials:

Galvanized sheet, titanium, carbon steel, stainless steel, aluminum

Relevant Industries:

Sign industry, ship building, boiler container, HVAC duct, construction equipment, aerospace industry

Features:

- ❖ 1.3x1.3m, 1.3x2.5m and 1.5x3mm cutting area
- ❖ Professional CNC controller for profile cutting
- ❖ Only compressed air needed
- ❖ Hypertherm Powermax plasma cutter
- ❖ Automatic torch height control
- ❖ Anti collision protection



| Model | AP1313 | AP1325 | AP1530 |
|-----------------------|--|-----------|----------|
| Working Area | 1.3x 1.3m | 1.3x 2.5m | 1.5.x 3m |
| Plate thickness | Depends on plasma cutter current | | |
| Cutting speed | Up to 8m/min | | |
| Repetition | 0.05mm | | |
| Power supply | 220/230/240V/50Hz | | |
| THC | With torch height control | | |
| Net weight | 300kg | 410kg | 480kg |
| Cutting table options | Standard table, Water table or fume extraction table | | |

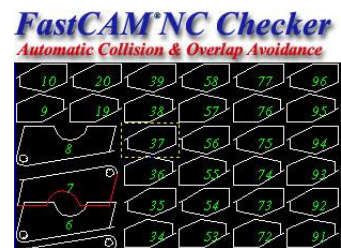
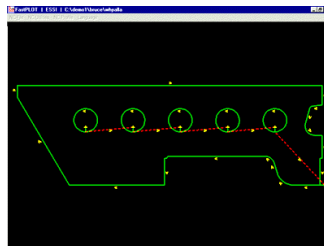
Hypertherm®

We highly recommend **Hypertherm's Powermax line** of products for automated cutting and gouging of any electrically conductive metal. With a severance cut/pierce capacity range from 12mm at 45 A to 25mm at 125 A, Powermax systems will help you get your work done faster, easier, more reliably and at lower cost.

For more details about Hypertherm Plasma cutter, please contact us or visit Hypertherm official website: www.hypertherm.com



| Model | Powermax45 | Powermax65 | Powermax85 | Powermax105 | Powermax125 |
|------------------------------------|--------------|--------------|--------------|--------------|-------------|
| With Machine torch pierce capacity | 1/2" (12 mm) | 5/8" (16 mm) | 3/4" (20 mm) | 7/8" (22 mm) | 1" (25 mm) |
| Power | 6 kW | 9kW | 12.2 kW | 17 kW | 22kW |



Fastcam software standard version

Auto nesting optional

FastCAM Standard

Meets the entire needs of these businesses even where there is a need for the occasional highly nested project which can be achieved with a manual layout.

- Fully integrated Drawing Editor (as above).
- FastPLOT™ NC simulation and verification.
- FastNEST® Interactive single part/single plate manual nesting.
- Array and remnant nesting.
- Outputs (Fast)CAM, DXF, IGES & NC code.

FastCAM Professional - High Duty Cycle

A full featured, fully automated NC solution.

- Fully integrated Drawing Editor (as above).
- FastNEST® Automatic multi part/multi plate nesting.
- Bridge Nesting, Common Cutting, Chain & Stitch Cutting, Multi-variable torch cutting.
- Patented EdgeSmart™ technology to reduce piercing & maximize material usage.
- Auto array and remnant nesting.
- Bulk DXF input/output etc for faster programming and processing.
- Automatic generation of cut list.
- Skeleton Breakup for safer remnant removal.
- Outputs (Fast)CAM, DXF, IGES & NC code.