



ProCut Precision CNC Flame Plasma Cutting Machine High Production Efficiency

Basic Information



Product Specification

- Highlight: Precision CNC Flame Plasma Cutting Machine, High Efficiency CNC Flame Plasma Cutting Machine
Precision cnc plasma and flame cutting machine

Product Description

ProCut Plasma & Flame Cutting Machine

Description

Heavy-duty precision CNC cutting machine, which combines high cutting accuracy and high production efficiency. It is suitable for oxy-fuel and plasma cutting application.

Performance

True Hole Fine Bolt Hole Technology

As part of Hypertherm's SureCut™ technology, True Hole® fine bolt hole technology is ideal for mild steel cutting with high piercing quality. It can only be used with Hypertherm's HPRXD® and XPR® automatic gas plasma cutting systems, including the XPR300® system. Nesting software or CNC controller software can automatically apply True Hole fine bolt hole technology when piercing sheet thicknesses up to 25 mm, with hole diameter to sheet thickness ratios as low as 2:1 down to 1:1.

Advantages: The quality of bolt holes is automatically ensured without manual intervention by workers; the gap between the quality of laser perforation and the laser perforation is narrowed, so that the plasma cutting process can be used for many operations that used to be cut by laser cutting systems; tapered holes are basically eliminated; dents are greatly reduced And concentrated on the outside of the hole; providing true "bolt hole" quality.

True Bevel bevel technology

True Bevel™ bevel technology for HPRXD® and XPR™ plasma cutting systems is a high performance mild steel cutting technology. The technology is factory tested and easy to use, eliminating the need for users to try and determine the plasma beveling process. With True Bevel technology, you can not only quickly set up new jobs, but also achieve consistently fine cuts.

Advantages: Significantly reduced setup time for new jobs and significantly less scrap due to fewer trial cuts and fewer errors; bevel cut sequence recommendations are provided to improve accuracy and ensure consistent quality; parameter tables have built-in formulas that can be extended , users can easily add new angles.

ProNest 2021

ProNest® CAD/CAM part nesting software for advanced mechanized cutting is designed to give your cutting business the wings to take off, helping you achieve greater automation, efficiency and profitability. ProNest brings Hypertherm cutting experts to you to optimize the performance of your plasma, laser and oxyfuel cutting machines.

Advantages: Powerful, high-yield nesting technology can reduce your material costs and increase profit margins; provides an intuitive interface and a variety of useful functions that are easy to learn and use; fully supports Hypertherm's SureCut intelligent cutting technology, including True Hole® fine cutting technology Bolt Hole Technology, Rapid Part™ Technology (both of which are automated without operator intervention), and True Bevel™ Technology (which dramatically reduces bevel cut setup time); like Common Edge Cut or Chain Modules such as road cutting and bridge cutting can increase efficiency, reduce cutting time and reduce wear on consumables.

Technical parameter

Track gauge(mm)	3000	3500	4000	4500	5000	6000	7000	8000
Cutting width (mm)	2000	2700	3200	3700	4200	5200	6200	7200
Overall width(mm)	4000	4500	5000	5500	6000	7000	8000	9000
Drive speed	12000mm/min							
Max.torches configurable	6 sets(2 sets of plasma torches configurable)							
* May vary with the quantity of torches								

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