



CHOOSING A PLASMA TABLE



What to look for?

When choosing a CNC plasma table, diving into the intricacies of numerous factors becomes crucial for a well-informed decision. From the size of the cutting area to the precision of the motion control system, and from the power of the plasma source to the sturdiness of the table construction, each element contributes significantly to the overall functionality of the CNC plasma table. We will navigate through the key plasma table considerations that will help you when choosing a CNC plasma table, ensuring that the selected plasma table aligns seamlessly with your specific needs and expectations.

Cutting Area Size

When seeking a plasma table, it is imperative to match its size with the scale of your materials. Opt for a table that generously accommodates your typical sheet or workpiece dimensions, ensuring seamless compatibility for your specific projects and enhancing overall efficiency in your workspace.

Cutting Speed and Accuracy

Seek out a table equipped with high-speed capabilities and precision-driven motion control systems. This pivotal combination not only ensures efficiency but also lays the groundwork for meticulous and exacting operations, elevating the overall performance of the plasma table.



Power and Plasma Source

The success of cutting with a plasma table boils down to the plasma cutter you choose. When seeking a plasma cutter, it is crucial to find one that aligns with the thickness of the materials you plan to cut. Also, glance at whether the plasma cutter operates on single-phase or three-phase power, ensuring it is a seamless fit for your building's power setup. This way, you'll have the right tool for the job without any hiccups.

Table Durability and Construction

The longevity and structure of the table play a pivotal role in its stability during cutting operations. A robustly constructed table enhances durability and contributes to improved cutting accuracy.

Software's

Verify the plasma table's compatibility with your CAD/CAM software to ensure seamless integration and optimize workflow efficiency. Ensure it is a user-friendly interface and straightforward maintenance to streamline processes and save time. Confirm that the CNC software is not only user-friendly but also equipped with essential project capabilities and supports diverse file formats, facilitating smooth integration with your design software.

Key Features

Ensure the plasma table you are considering boasts essential features like digital torch height control, breakaway capabilities, and an ohmic touch-off system. These key functionalities will enhance precision and efficiency in your metal cutting processes.

Table Layout

Consider the layout of the plasma table about material loading. Contemplate how the table design facilitates a seamless and efficient loading process. A well-thought-out layout can significantly enhance the overall workflow and contribute to the ease of material handling.

Safety Features

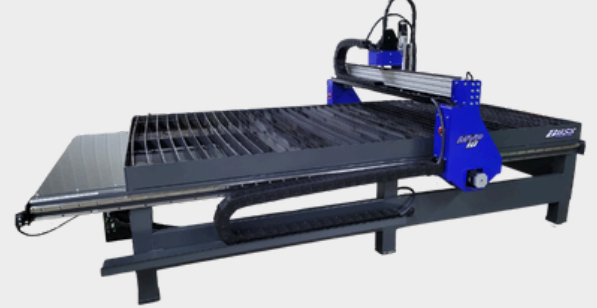
Check to see the safety features on the plasma tables. Safety features such as emergency stop buttons and ventilation are crucial when working with plasma cutting.

Location of Setup

When planning your setup, carefully consider the placement of the operation console and determine the optimal location for the controller. Strategically placing the console ensures ergonomic access and efficient operation. This thoughtful consideration contributes to a streamlined workflow and a more user-friendly experience in managing the equipment.

Accessories

Choosing a plasma table requires careful consideration of accessories, which significantly influence the machine's versatility and adaptability to diverse project requirements. Accessories such as a scribe, router, or rotary device expand capabilities beyond standard cutting, ensuring the machine's efficiency and precision for a wide range of manufacturing needs.



Customer Support and Warranty

An essential consideration is the quality of customer support and warranty offered by the manufacturer. It is crucial to ensure that the chosen manufacturer not only provides dependable support but also offers a sensible warranty. There is nothing more frustrating than having your table out of commission and being unable to reach reliable customer support can compound the issue. Opting for a manufacturer with robust support systems and a reasonable warranty ensures peace of mind and swift resolution in case of any operational challenges.

In conclusion, navigating the diverse landscape of plasma tables demands a meticulous approach to selection, and this is where Boss Tables steps in as your reliable guide. We understand the significance of considerations like cutting area size, speed, accuracy, power, and construction when choosing a CNC plasma table to your specific needs. Do not underestimate the impact of a well-matched plasma cutter, and rest assured that our tables are designed for stability and precision. With a focus on customer support and backed by robust warranty offerings, Boss Tables ensures that potential downtime frustrations are minimized. For an informed decision leading to a plasma table that exceeds your expectations in precision, efficiency, and reliability, contact us at Boss Tables. We are here to assist you on this journey, addressing any questions and providing the guidance you need to make the right choice for your CNC plasma cutting requirements.

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