



Leading Manufacturer of

CNC Plasma Cutting Machine, CNC Laser, CNC
Laser Welding Machine, Welding Machine, Welding
S.P.M. & Plasma & Laser Spare Parts

Fine Cutting Solution



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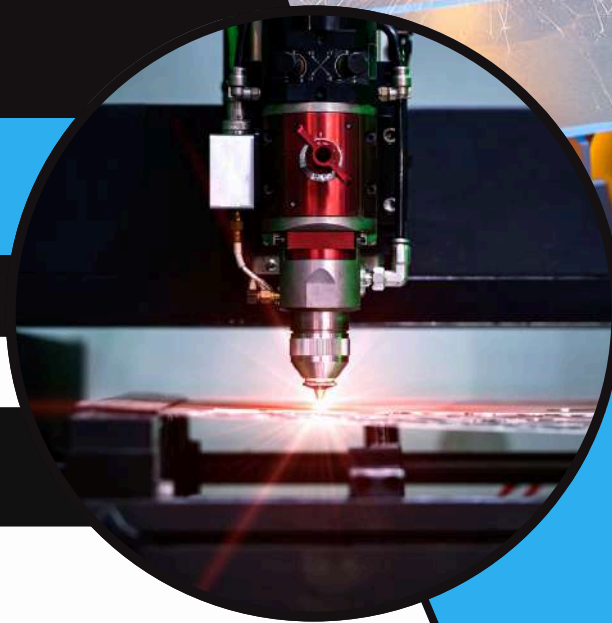
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About Us



Fine Cutting Solution is a trusted **Mr. Naresh Sharma** in precision cutting and welding solutions. We specialize in manufacturing and supplying a wide range of high-performance equipment, including CNC Plasma Cutting Machines, CNC Lasers, CNC Laser Welding Machines, Welding Machines, and Welding S.P.M. Our expertise extends to providing high-quality Plasma & Laser Spare Parts to meet diverse industrial requirements.

Driven by innovation and a commitment to excellence, our products are designed to deliver precision, efficiency, and durability. At Fine Cutting Solution, we prioritize customer satisfaction by offering tailored solutions, reliable support, and cutting-edge technology for industries across the globe.

Our Mission

To empower industries with innovative and high-precision cutting and welding solutions, ensuring superior quality, efficiency, and customer satisfaction through advanced technology and dedicated support.

Our Vision

To become a global leader in CNC cutting and welding technology, driving industrial progress through sustainable practices, cutting-edge innovation, and a commitment to excellence.

Core Values

- **Innovation:** Pushing the boundaries of technology to deliver state-of-the-art cutting and welding solutions.
- **Quality:** Upholding the highest standards in product design, performance, and reliability.
- **Customer-Centricity:** Building lasting relationships through personalized solutions and exceptional service.
- **Integrity:** Conducting our business with transparency, trust, and professionalism.
- **Sustainability:** Focusing on eco-friendly practices to minimize our environmental impact.

Our Products

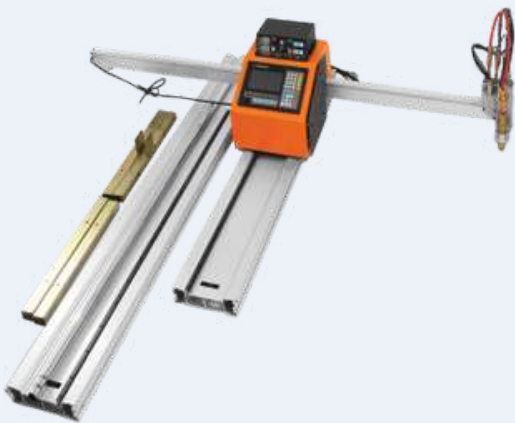


PLASMA CUTTING

Plasma Cutting is a process that cuts through electrically conductive materials by means of an accelerated jet of hot plasma. Typical material cut with a plasma torch include steel, stainless steel, aluminum, brass and copper, although other conductive metals may be cut as well. Plasma cutting is often used in fabrication shops, automotive repair and restoration, industrial construction, and salvage and scrapping operations. Due to the high speed and precision cuts combined with low cost, plasma cutting sees widespread use from large-scale industrial CNC applications down to small hobbyist shops.

GANTRY MACHINE

A Gantry Machine is a high-precision equipment designed for heavy-duty cutting, machining, or welding applications. Featuring a robust gantry-style structure, it ensures exceptional stability and accuracy during operations. Ideal for industries like aerospace, automotive, and metal fabrication, Gantry Machines handle large workpieces with ease. They are equipped with advanced CNC controls for precise movements along multiple axes, delivering superior results in cutting, drilling, or welding. With customizable options, these machines can meet specific industrial requirements. Durable, efficient, and versatile, Gantry Machines are essential for achieving high productivity and maintaining tight tolerances in complex manufacturing processes.



PORTABLE MACHINE

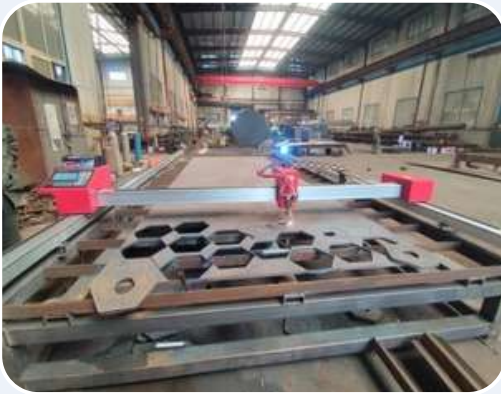
A Portable Machine is a compact, lightweight solution designed for on-site machining, cutting, or welding applications. Its portable design ensures easy transport and setup, making it ideal for maintenance, repair, and field operations. Despite its size, a portable machine delivers high precision and efficiency, offering reliable performance for tasks such as cutting, drilling, welding, or beveling. These machines are versatile, user-friendly, and suitable for industries like construction, shipbuilding, and pipeline maintenance. Equipped with advanced controls and robust features, portable machines are indispensable tools for achieving accurate results in challenging environments.

MINI GANTRY

A Mini Gantry is a compact and versatile version of the traditional gantry machine, designed for smaller-scale machining, cutting, or welding tasks. It features a reduced size while retaining the stability and precision of larger gantry machines. The mini gantry is ideal for handling lighter workpieces in industries like electronics, automotive, and small-scale manufacturing. Despite its smaller footprint, it offers multi-axis movement with CNC control for high accuracy and detailed operations. The compact design allows for easy installation in confined spaces, making it a perfect solution for applications requiring mobility, precision, and space efficiency.



Our Products



PORTABLE CUM GANTRY MACHINE

A Portable Cum Gantry Machine is a hybrid equipment that combines the flexibility of a portable machine with the precision and stability of a gantry system. This versatile machine can be used both as a portable unit for on-site applications and as a stationary gantry machine for larger-scale, high-precision tasks. It is designed to handle a variety of machining, cutting, welding, and maintenance tasks, making it suitable for industries such as construction, shipbuilding, and manufacturing. With adjustable configurations, it provides ease of transport and setup while delivering exceptional performance and accuracy for both small and large workpieces.

GANTRY TYPE CNC PLASMA CUTTING MACHINE

A Gantry Type CNC Plasma Cutting Machine is a high-precision cutting system designed for large-scale and heavy-duty applications. It features a gantry-style structure, where the cutting head is mounted on a frame that moves along the X, Y, and Z axes, providing stability and accuracy during the cutting process. The machine uses a plasma torch to cut through electrically conductive materials like steel, aluminum, and copper, making it ideal for industries such as automotive, metal fabrication, and aerospace. With CNC controls, it offers precise automation, reducing human error and increasing productivity. The gantry design ensures the machine can handle larger workpieces with exceptional cutting speed and quality.



MINI GANTRY TYPE CNC PLASMA CUTTING MACHINE

A Mini Gantry Type CNC Plasma Cutting Machine is a compact and efficient cutting solution designed for smaller-scale applications without compromising on precision and performance. It features a gantry-style structure where the plasma cutting head moves along the X, Y, and Z axes, ensuring stable and accurate cuts. This machine is ideal for small to medium-sized workpieces and is commonly used in industries such as sheet metal fabrication, signage, and light manufacturing. Despite its smaller size, it provides high-quality plasma cutting with CNC automation, making it easy to operate, reduce material wastage, and improve productivity for intricate designs and detailed cuts.



PLASMA CONSUMABLES



PLASMA TORCH

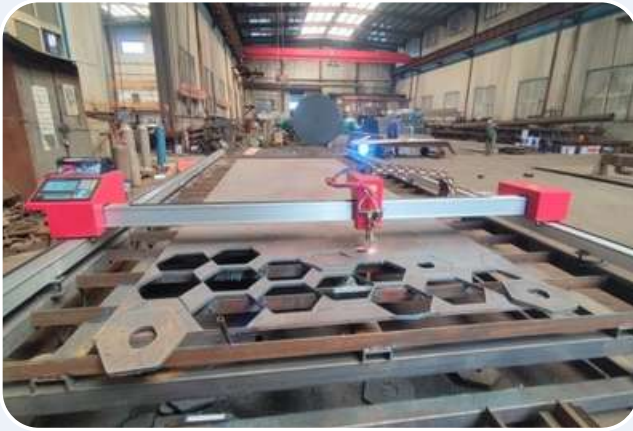


GAS TORCH



PLASMA TORCH LIFTER

Our Products



PORTABLE CUM GANTRY PLAZMA MACHINE

A Portable Cum Gantry Plasma Machine combines the mobility of a portable unit with the precision and stability of a gantry system, providing a versatile cutting solution for both on-site and workshop applications. This machine is designed to cut through electrically conductive materials like steel, aluminum, and copper using a plasma torch, delivering high-quality, precise cuts. Its portable nature allows it to be easily transported to different work sites, while the gantry structure ensures stability and accuracy during operation. Ideal for industries such as construction, metal fabrication, and maintenance.

PORTABLE CNC PLASMA & FLAME CUTTING MACHINE

A Portable CNC Plasma & Flame Cutting Machine is a versatile, mobile cutting solution designed to perform both plasma and flame cutting on-site. This machine combines the precision of CNC controls with the portability needed for fieldwork and maintenance applications. It is capable of cutting through a variety of materials, including steel, aluminum, and stainless steel, with plasma cutting, and thicker materials with flame cutting. The CNC system ensures accurate cuts, even in complex designs, while the portable design makes it easy to transport and set up at different locations. It is ideal for industries like construction, shipbuilding, and metal fabrication, offering flexibility, speed, and high-quality.



MAXPRO200 PLASMA SYSTEM

The Maxpro 200 Plasma System is a high-performance cutting solution designed for industrial applications, delivering exceptional precision and reliability. This system utilizes advanced plasma technology to cut through a wide range of metals, including mild steel, stainless steel, and aluminum, with thicknesses up to 50 mm. It offers fast, clean cuts with minimal heat-affected zones, enhancing productivity and reducing material waste. With its user-friendly interface and robust design, the Maxpro 200 ensures ease of operation and long-lasting performance in demanding environments. Ideal for metal fabricators, construction, and manufacturing industries, it provides high-quality results and cost-efficiency.

FIBER LASER CUTTING MACHINE

A Fiber Laser Cutting Machine is a high-precision cutting system that uses a fiber laser to cut through various materials such as metal, stainless steel, aluminum, and even non-metals like plastics. The fiber laser delivers focused, high-powered beams that produce clean, precise cuts with minimal thermal distortion. This machine offers faster cutting speeds, higher efficiency, and lower operating costs compared to traditional laser cutting systems. Fiber laser cutting machines are widely used in industries like automotive, aerospace, electronics, and metal fabrication for creating intricate designs and complex shapes.



Our Products



IPG PHOTONICS



CHILLER



LASER HEAD

EXCHANGE CUTTING TABLE TYPE

Exchange Cutting Table Type is a specialized cutting table system designed to enhance productivity in industries that require high-precision cutting, such as metal fabrication and manufacturing. It features a dual-table design, allowing one table to be used for cutting while the other is being prepared for the next job, ensuring continuous operation without downtime. This type of table is equipped with advanced CNC controls and can support various cutting technologies like plasma, laser, and oxy-fuel. By reducing wait times and increasing efficiency, exchange cutting tables are ideal for high-volume production environments that demand speed and accuracy.



Z&C PURLIN MACHINE

A Z&C Purlin Machine is a roll-forming machine specifically designed for the production of Z-shaped and C-shaped purlins, which are essential components in the construction of steel buildings, roofs, and frameworks. These machines are capable of producing purlins with varying dimensions and thicknesses to meet specific structural requirements. The process involves feeding steel coils into the machine, where they are shaped through a series of rollers to form the desired profile. Z&C purlins are used for supporting roofs and walls, and the machine ensures high precision, speed, and flexibility, making it ideal for both small-scale and large-scale.



Our Products



H-BEAM GANTRY TYPE AUTOMATIC WELDING MACHINE

H-Beam Gantry Type Automatic Welding Machine is a highly efficient, automated system designed for welding large H-beams used in construction and structural projects. This machine features a gantry-style structure, where the welding head moves along the X, Y, and Z axes, ensuring precise and stable welds across the length and height of the H-beam. The automatic system allows for consistent welding quality, speed, and repeatability, reducing human error and increasing productivity. It is equipped with advanced controls for adjusting welding parameters and is ideal for industries.

PTW MACHINE

A PTW Machine (Plate to Wall Machine) is a specialized piece of equipment used primarily in the welding and fabrication industry, designed for creating high-quality welds between plates and walls in various applications, such as structural and shipbuilding projects. This machine typically features advanced control systems, allowing for precise positioning and welding of the plate to the wall, ensuring uniformity and strength in the welds. PTW machines are widely used in heavy industries, where consistent, high-quality welds are critical for maintaining structural integrity. They improve efficiency, reduce manual labor, and ensure reliable.



LASER WELDING MACHINE

A Laser Welding Machine is a high-precision equipment that uses focused laser beams to create strong, clean, and precise welds on various materials, including metals, plastics, and ceramics. The machine generates a highly concentrated laser beam, which is directed onto the workpiece to melt and fuse materials together. Laser welding offers several advantages, such as minimal thermal distortion, high welding speed, and the ability to weld delicate components with exceptional accuracy. This technology is commonly used in industries such as automotive, aerospace, electronics, and medical device manufacturing, where high-quality welds are required for intricate designs and small parts.

ROBOTIC WELDING MACHINE

A Robotic Welding Machine is an automated system that uses robotic arms equipped with welding tools to perform precise and efficient welding tasks. These machines are programmed to execute complex welding operations with high speed and accuracy, reducing human error and enhancing productivity. Robotic welding is commonly used in industries such as automotive, aerospace, and manufacturing, where high-volume, consistent, and high-quality welds are required. The robots can handle various types of welding techniques, such as MIG, TIG, and spot welding, and can work on multiple materials, including steel, aluminum, and stainless steel.



Our Products



BENDING MACHINE

A Bending Machine is a piece of equipment used to bend metal sheets or profiles into specific angles or shapes. It is commonly used in the manufacturing, construction, and fabrication industries for creating components like pipes, tubes, and metal sheets. Bending machines can perform various bending processes, including cold bending, hot bending, and rotary bending, depending on the material and required bend. These machines use mechanical, hydraulic, or CNC controls to ensure precise bends with consistent accuracy. They are highly versatile, offering different bending capacities, and are essential for producing custom metal parts, such as frames, brackets, and structural elements.

SHEARING MACHINE

A Shearing Machine is a mechanical device used to cut or shear metal sheets, plates, or other materials into specific sizes or shapes without forming chips or using burning or melting. The process involves applying a shearing force to the material between two blades, resulting in clean, precise cuts. Shearing machines are commonly used in industries like metal fabrication, automotive, and construction for cutting materials such as steel, aluminum, and copper. These machines can be operated manually, hydraulically, or via CNC controls for increased automation, offering high efficiency, fast cutting speeds, and accuracy in cutting sheets, rods, or plates to desired dimensions.



Our Products





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