



Metal Sheet And Tube Fiber Laser Cutting Machine CNC Stainless Steel Fiber Laser Cutter

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: genuo
- Certification: M.2020.206.C6366
- Model Number: PT-3015/4015/4020/6015/6020/6025
- Minimum Order Quantity: 1
- Price: negotiable
- Packaging Details: carton box
- Delivery Time: 90 days
- Payment Terms: L/C, T/T, D/P, D/A
- Supply Ability: 1 Set/Sets Every 15~35 days



Product Specification

- Product Name: CNC Fiber Laser Cutting Machine
- Product Application: Stainless Steel Metal Sheet Plate Laser Cutting
- Laser Type: Fiber
- Laser Machine Power: 1KW/1.5KW/2KW/3KW/6KW/12KW
- Machine Voltage: 220V/380V/415V/440V/customized
- Machine Max Cutting Speed: 120mm/min
- Machine Control System: Cypcut Control
- Machine Cooling Type: WATER COOLING
- Laser Source Brand: Raycus/Max
- Electrical Components: German Schneider
- Operation Mode: Continuous Wave
- Color Choose: Customer Choose
- After-sales Service Provided: Online Support



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Product Description

Metal Sheet And Tube Fiber Laser Cutting Machine CNC Stainless Steel Fiber Laser Cutter

→ Product Introduction:

GENUO Versatile GNPT series plate and tube integrated laser cutting machine has multiple functions and can cut sheet metal and metal pipes. Thanks to GENUO's safe and reliable conversion of plate and tube cutting function, it has multiple functions, stable machining accuracy, efficient cutting ability, accurate positioning, and solves the cutting scheme of multiple types of workpieces.

It can save more than 50% of space and bring higher production efficiency. It is a multifunctional laser cutting machine with high cost performance. 1KW ~ 6KW optional.

→ Advantages of Genuo :

1. We are an ODM and OEM company that can produce machines according to the specifications, designs, and customer requirements of world-renowned brands.
2. Whatsmore, We have professional technology, advanced processing equipment, scientific quality management, continuously improving production capacity and creativity, which lay a solid foundation for the sustainable development of our company.
3. Our products have CE certification and SGS certification, and our factory has professional equipment testing and strict quality control.
4. For our customers, we can provide comprehensive customized and high-performance solutions to them, as well as great after-sales service, This is something that our competitors cannot meet.
5. The production process meets the highest standards to ensure exceptional quality and perfect detail. During the delivery period, we can customize high-performance solutions and timely after-sales service for you.

→ Laser Cutting Machine Use :

Laser cutting machine is a very wide range of applications, including many industries, and is one of the necessary equipment for many enterprises, including:

1. Advertising signage production, such as stainless steel LOGO and logo
2. Cutting sheet metal processing includes all metal materials, such as the production of elevator shells, mechanical equipment shells, and kitchen kitchenware, involving all aspects.
3. Widely used in sheet metal processing, advertising sign word production, high and low voltage electrical cabinet production, mechanical parts, kitchenware, automobile, machinery, metal crafts, saw blade, electrical parts, glasses industry, spring, circuit board, electric kettle, medical microelectronics, hardware, knife measuring tools and other industries.

Standard Equipment	Optional Equipment
▼ Raycus or Max laser source	▽ IPG or nLIGHT laser source
▼ WSX or RayTools laser cutting head	▽ PRECITEC laser cutting head
▼ Φ220 Auto pneumatic chuck	▽ Beckhoff CNC control system
▼ High strength stress relieved frame	▽ Nodular Cast-iron integral frame
▼ Lightweight aviation aluminum beam	▽ Φ350 Auto pneumatic chuck
▼ Motovario planetary reducer	▽ Alpha planetary reducer
▼ YYC gear rack,HIWIN guide rail	▽ Atlanta gear rack,Rexroth rail
▼ Hanli water cooling system	▽ Power regulator Device
▼ Automatic lubrication system	▽ Air compression system

LASER CUTTER MACHINE

Pneumatic Chuck
to ensure cutting accuracy



Aviation Aluminum Beam is
light weight and high rigidity



Superior Quality Electrical
Components, using Siemens
and Schneider, Panasonic
and other accessories



Modular High-Yield Frame,
welded from high-quality
carbon structural steel



Functional Tube Cutting System
Accurate, efficient and effortless



High Precision Transmission
Parts make the machine
run smoothly.

Main Accessories



Advanced Laser Generator



Intelligent Cutting CNC Control



Exactly Matched Laser Head

<p>Standard configuration of stable and efficient Raycus,MAX or GW laser source. Modular design, highly integrated system, free from maintenance, high reliability. The laser power is continuously adjustable, with high beam quality and high laser stability.</p> <p>It is an ideal laser source for laser fine cutting, precision welding and other applications. Compared with other similar lasers in the market, our laser has obvious advantages.</p> <p>Optional IPG and nLIGHT Laser.</p>	<p>The whole series of laser cutting machines are equipped with CypCut laser cutting control software or HypCut ultra-high power laser cutting control software. With high accuracy visual positioning system and integrated CNC system successively. It is easy to use and has powerful functions, which can meet and apply to various processing occasions. In addition, it has WiFi remote control function. Escort your machine wherever it is used. Optional Germany PA8000, Siemens CNC cutting system</p>	<p>All Genuo laser cutting machines are standard equipped with WXS or Raytools auto-focusing laser cutting heads. The cutting heads have a built-in motor drive unit, which drives the focusing lens through a linear mechanism to change position automatically.</p> <p>Customers can set the program to achieve continuous focus that completing the rapid piercing and cutting material with different thickness. The design of water-cooled structure allows laser heads to work stably and chronically. Optional PRECITEC and Lasermech laser cutting heads.</p>
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Features & Advantages

The cutting machine adopts international famous brand advanced laser, which has high electro-optical efficiency, water-saving and power-saving. Especially important, it can be free of maintenance for a long time, save a lot of maintenance funds and time, and improve work efficiency.

The overall main frame adopts gantry structure worktable. The high damping bed has good rigidity, high precision and stable operation. The frame structure is made of high-quality steel honeycomb welding. The machine tool is annealed, twice aged and processed by large-scale gantry milling machine. These design and processing means ensure that the machine tool has excellent seismic resistance, high rigidity and stability. It fully meets the stability requirements of the machine tool in high-speed motion.

The high precision double side rack and pinion drive and linear guide rail are adopted, and the powerful dual drive servo motor drive system is used to effectively ensure the speed and accuracy of laser cutting.

Also can choose the exchange type worktable, the failure rate is extremely low, the exchange time is short, greatly improves the production efficiency.



Aluminium alloy



ironwork



Stainless steel



Plate metal

Optional Configuration



Power Stabilizer

Used when the plant voltage fluctuates greatly or is unstable.



Dust Collector

Equipment for laser dust removal and odor purification



Air Compression System

Integrated air compressor design, automatic and manual dual blowdown.

→ Technical Parameter :

Model	GNPT-3015	GNPT-4020	GNPT-6020	GNPT-6025
Cutting range	3000*1500mm	4000*2000mm	6000*2000mm	6000*2500mm
Pipe cutting length	6000mm	6000mm	6000mm	6000mm
Chuck diameter	160/220/320mm	160/220/320mm	160/220/320mm	160/220/320mm
Laser power	1000W~6000W	1000W~6000W	1000W~6000W	1000W~6000W
Max. positioning acceleration	15 M/S ²	15 M/S ²	15 M/S ²	15 M/S ²
Positioning accuracy	±0.03 mm	±0.03 mm	±0.03 mm	±0.03 mm
Reposition accuracy	±0.02 mm / m	±0.02 mm / m	±0.02 mm / m	±0.02 mm / m



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