

OR-P

All covered protective fiber laser cutting machine

Inquiry



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machine work efficiency and utilization rate.

- ② Strictly abide by European standards, and can be selected for closed or open design. Strengthen the anti-radiation toughened glass, reduce the radiation damage to the human body during processing. Intuitive operation interface, the operation process is very simple and efficient; Real-time monitoring and processing, good experience.
- ③ Cast iron bed body, reduce the loss of equipment in use, and the precision of machine tool remains unchanged for 50 years.
- ④ The cast aluminum beam has the characteristics of high strength, light weight and high speed, and the maximum operating speed is 170m/min. 1.5G acceleration; The overall performance of laser cutting machine is improved.

Technical Parameters

Model

Working Area

Laser Power

Engraving Speed

Cutting Speed

Highest Scanning Precision

Locating Accuracy

OR-P 1530(optional)

1500*3000mm(optional)

500w/1000w/1500w/2000w/3000w

9950*3050*2100mm(optional)

±0.02mm

±0.03mm

170m/min

Above data is only for reference

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Safer, more efficient

It's bigger, it's safer. Fast switching, more efficient. According to the need, we can choose the 500W - 3000W laser, the plate cutting speed is fast, the quality is good, the high efficiency energy saving.



Climbing platform exchange platform

High efficiency, low energy consumption. Exchange time of 10s, reduce the time of loading and unloading time and platform exchange time, improve machine work efficiency and utilization rate.

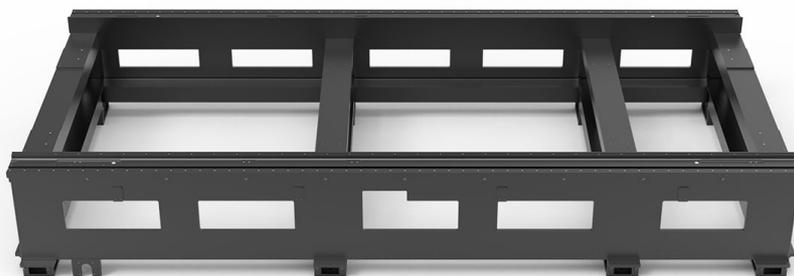


Surrounded by large, more secure

Strictly adhere to European standards, and can be optional in closed or open design.

Strengthen the anti-radiation toughened glass, reduce the radiation damage to the human body during processing.

Intuitive operation interface, the operation process is very simple and efficient; Real-time monitoring and processing, good experience.



A combination of strength and steel

Cast iron bed, minimum tensile strength of 200 mpa of flake graphite cast iron.

Carbon content, compressive strength and high hardness.

Lathe bed notch sensitivity and thermal sensitivity is lower.

Reduce the wastage of the the equipment in use.

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machine tools for a long time, the next 50 years.



Aluminum casting beams version 2.0

One installation to reduce the emergence of the crossbar malfunction probability
of maximum guarantee
the normal operation of the machine tool,
faster acceleration parameters, such as improving can reduce the invalid operation
time of
machine tool at low speed, improve processing efficiency.



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APPLICATION

Stainless steel, carbon steel, alloy steel, spring steel, copper plate, aluminum plate, gold, silver, titanium metal plate and tubular products.

Widely used in advertising board, metal plate structure, Hv/lv electrical ark production, textile machinery parts, kitchen utensils, car, machinery, elevator, electric parts, spring coil slice, subway line spare parts, etc. industry

PROVIDE THE BEST CUSTOMER EXPERIENCE.

- **Automatic lubrication system**

Quantitative provide equipment lubricating oil regularly, ensure the normal speed, and with abnormal alarm and liquid level alarm, and other functions. Ensure accuracy and prolong the service life of the transmission mechanism.

- **Supplementary feeding system**

Support for artificial feeding, simple operation. To reduce the strength of the artificial feeding, feeding time.

- **Dust removal system**

Eliminate machining process of flue gas and dust. Ensure clean air processing area, reduce the machining process of flue gas to the human body damage.

- **Production (assembly) process**

Higher accuracy makes processing finished product more fruitful, size precision; To reduce the abnormal wear of gear can improve the service life of the machine tool. The laser collimator visual display the error in the process of assembling machine installation accuracy; Abnormal wear of gear mesh degree of inspection to reduce gear; High precision marble ruler gauge fit precision of triaxial mechanical installation.

- **The cost(using)**

Schneider original electric parts, fittings Japan yaskawa servo, precise control of

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brand. Reduce the loss of useless power save cutting

The mechanical properties of theoretical calculation were conducted according to the design requirements, the main components after forming finite element stress and motion analysis. Theory design reach requirements of machine tool performance, according to the finite element analysis, the parameter design of the parts were from design phase to verify machine running performance for a long time.

- **The quality of**

Equipped with professional installation tools, organize regular assembly staff learning, constantly improve the assembly strength of software, hardware, strictly control the supplier parts inventory, and use the best accessories, the most reasonable assembly process, to achieve the most efficient assembly efficiency. Reduce the production cost to provide the high quality and low price of high quality laser cutting machine, enables customers to get the optimal cost-effective products.

- **Work precision**

Repeat positioning accuracy ± 0.02 mm, positioning accuracy ± 0.03 mm, maximum speed of 170 m/min. The acceleration of 1.5 G. Make the best use of cutting board, the most efficient cutting processing, reduce the waste processing in the process of plate, improve processing efficiency.

- **The efficiency of**

Maximum acceleration of 1.5 G, the largest integrated operation speed of 170 m/min, guarantee the machine running in high efficiency cutting duty percentage, make full use of the machine tool cutting performance, cutting of the same material cutting time shortens greatly.

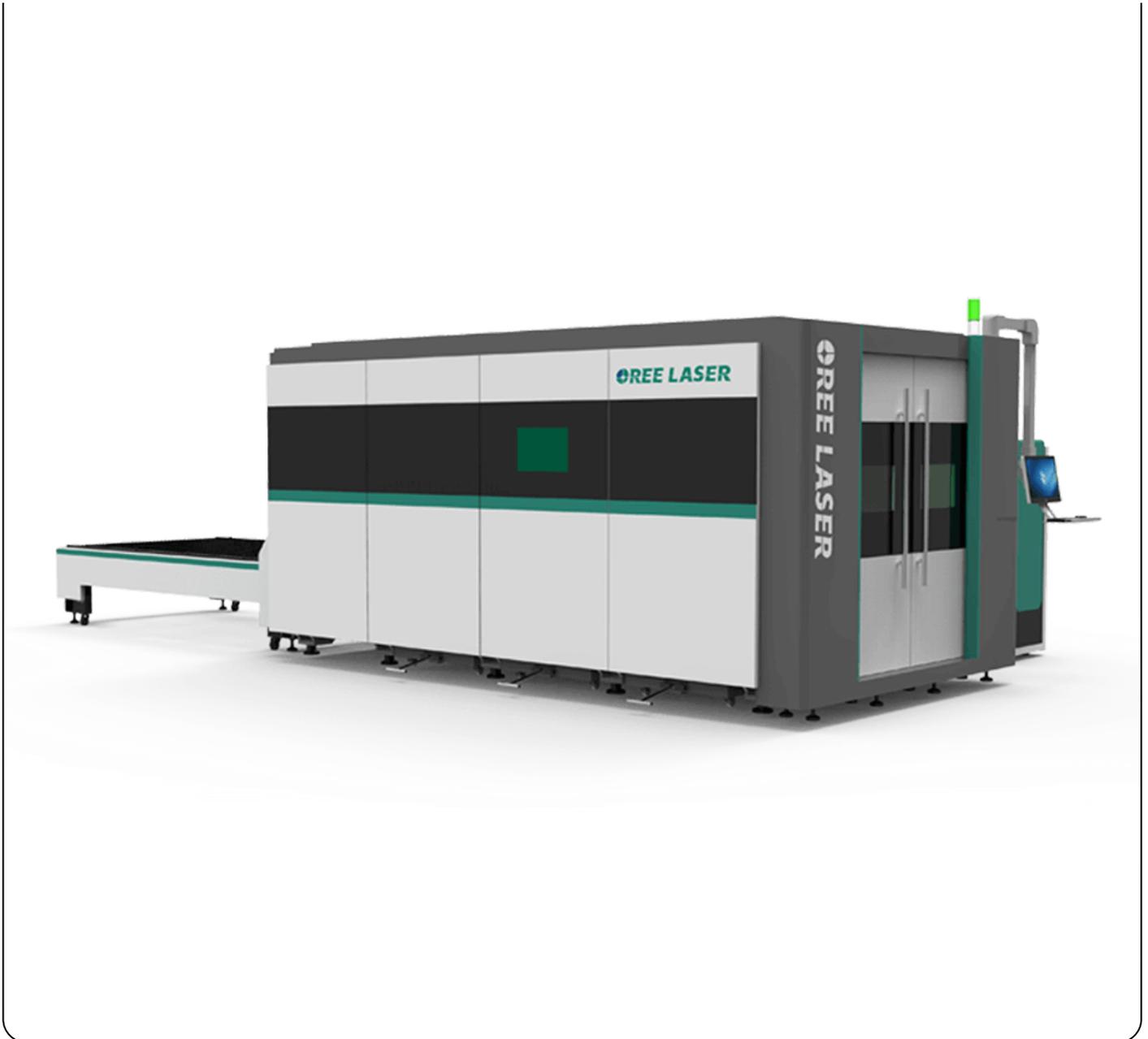
- **After-sales service**

The machine warranty 36 months, and provide guidance installation services, equipment debugging or operation training services, maintenance services, equipment parts replacement service, customer problems to solve and other requirements, regularly or irregularly to provide customers the company research and development of new products information services.



FLATBED FIBER LASER CUTTING
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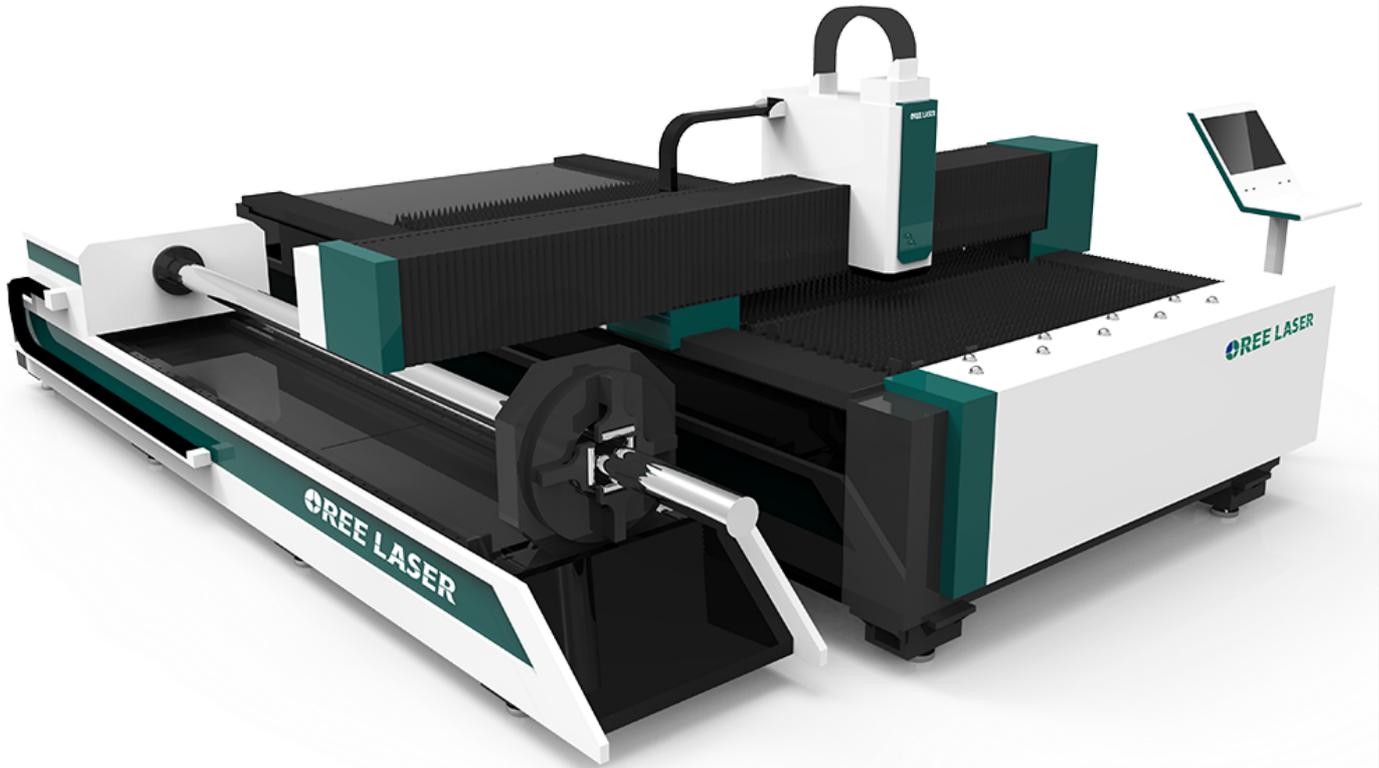


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