

OR-F

Automatic Loading
Laser Cutting Machine

Inquiry



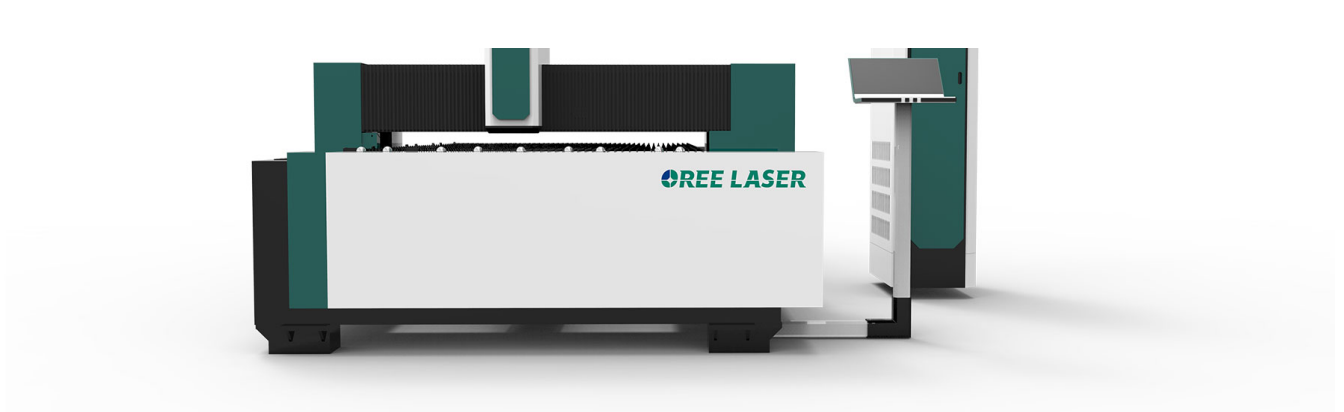
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- ② Exquisite welding process, fundamentally to ensure the stability of the lathe bed, have a good rigidity, high precision, 20 years the advantages of no deformation.
- ③ Cast aluminum beam has the characteristics of high strength, light weight, high speed, the maximum speed of 170 m/min; 1.5 G acceleration; To improve the overall performance of the laser cutting machine.
- ④ Compact machine installation, small space requirement, equipped with 500w laser, meet the demand of different material and thickness of the cutting.

Technical Parameters

Model
Working Area
Laser Power
Engraving Speed
Cutting Speed
Highest Scanning Precision
Locating Accuracy
OR-F 1530(optional)
1500*3000mm(optional)
500w/1000w/1500w/2000w/3000w/4000w
4500*2300*2000mm(optional)
±0.02mm
±0.03mm
145/min

Above data is only for reference



The best quality , the lowest price

The OR - F is an ideal entry level planar laser cutting machine , don't need to input the high purchase cost and training cost , laser cutting can be realized.



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.

To keep the precision of 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.



Small body , big energy

Work area can be customized, laser power is optional.
Compact machine installation, small space requirement.
Equipped with 500 w, 3000 w laser.

Meet the demand of different material and thickness of the cutting.

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Application

Stainless steel, carbon steel, alloy steel, spring steel, copper plate, aluminum plate, gold, silver, titanium etc 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

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Automatic lubrication system

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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 pneumatic parts by SMC original brand. Reduce the loss of useless power save cutting costs, reduce the loss of electricity, reduce the waste gas.

- **Technical design**

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,

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high efficiency cutting duty percentage, make full use of

- **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.



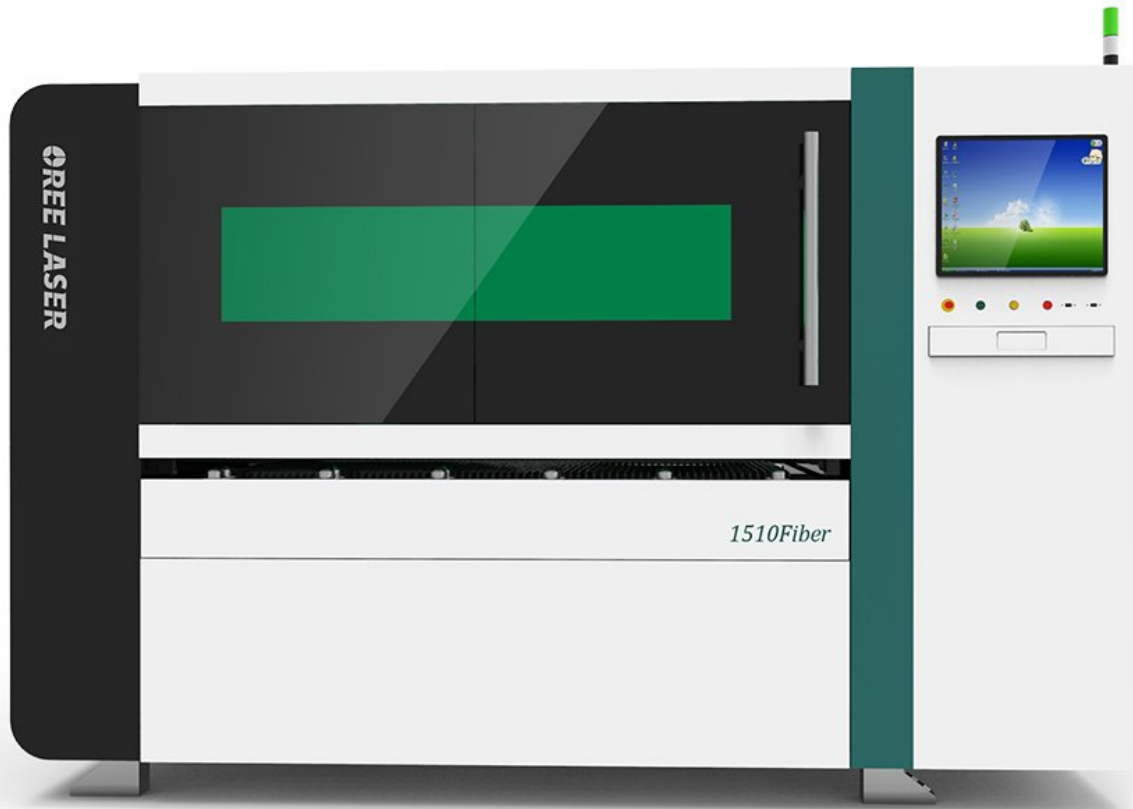
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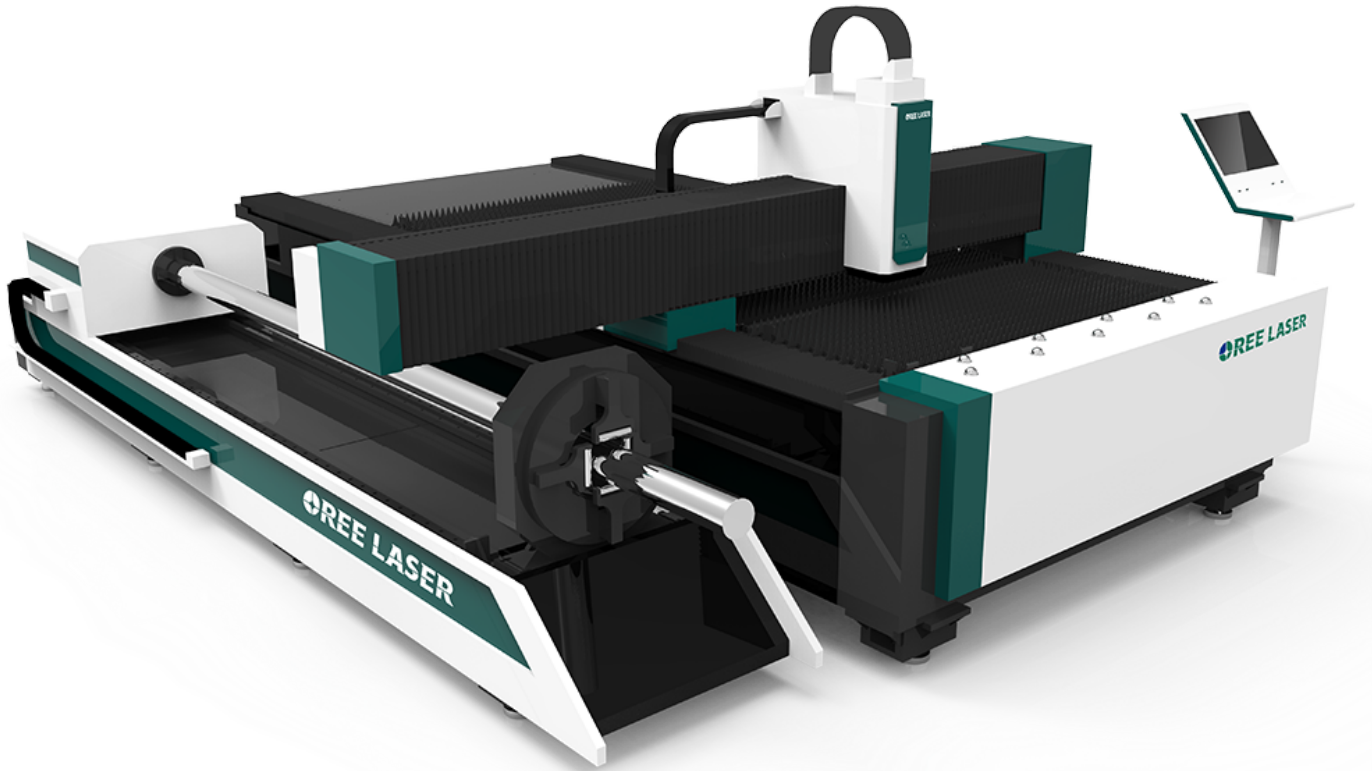


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