





OR-S

Smart fiber laser cutting machine

Inquiry



FLATBED FIBER LASER CUTTING MACHINE OR-S

Online    

☞ Stable bed, drawer type table, stroke protection, just for a better user experience.

③ The aerospace standard is used to make aviation aluminum, after solid solution and fine grinding. Light weight and strong rigidity. Improve machining efficiency and ensure the quality of machining.

④ Work area can be customized, laser power is optional. Compact machine installation, small space requirement. Equipped with 500 w, 3000w laser. Meet the demand of different material and thickness of the cutting.

Technical Parameters

Model

Working Area

Laser Output Power

Size(length * width * height)

X/Y-axis repositioning accuracy

Accuracy of Positioning

Max Acceleration

OR-S 1390(optional)

1300*900mm(optional)

500w/1000w/1500w/2000w/3000w/4000w

4500*2300*2000mm(optional)

±0.02mm

±0.03mm

35/min

Above data is only for reference

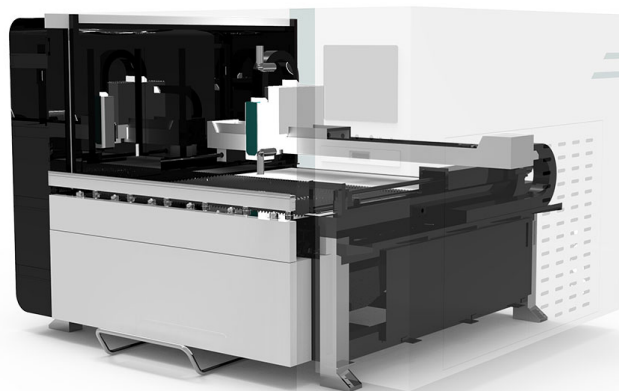
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Small body, its great energy

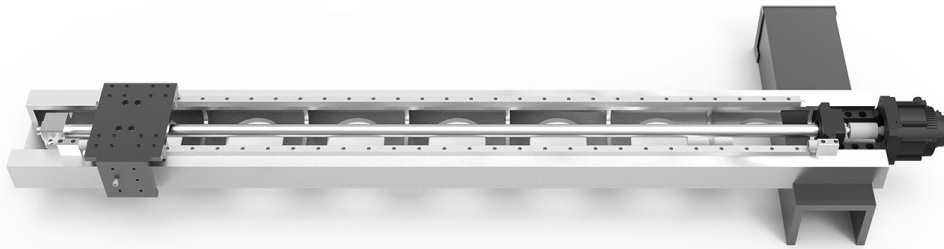
OR-S laser cutting machine is specially designed for small size work;
Full protection design, sealing working space;
Full time cutting, high efficiency cutting, high quality cutting, high scalability.



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Stable bed, drawer type table, stroke protection,
Just for a better user experience.



High quality aviation aluminum, more accurate, more efficient.

The aerospace standard is used to make aviation aluminum, after solid solution and fine grinding.

Light weight and strong rigidity.

Improve machining efficiency and ensure the quality of machining.



Custom services, more suitable

Work area can be customized, laser power is optional.
Compact machine installation, small space requirement.

Equipped with 500 w, 3000w laser.

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



Application

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

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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 fruity, 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,

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analysis, the parameter design of the parts were from

- **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**

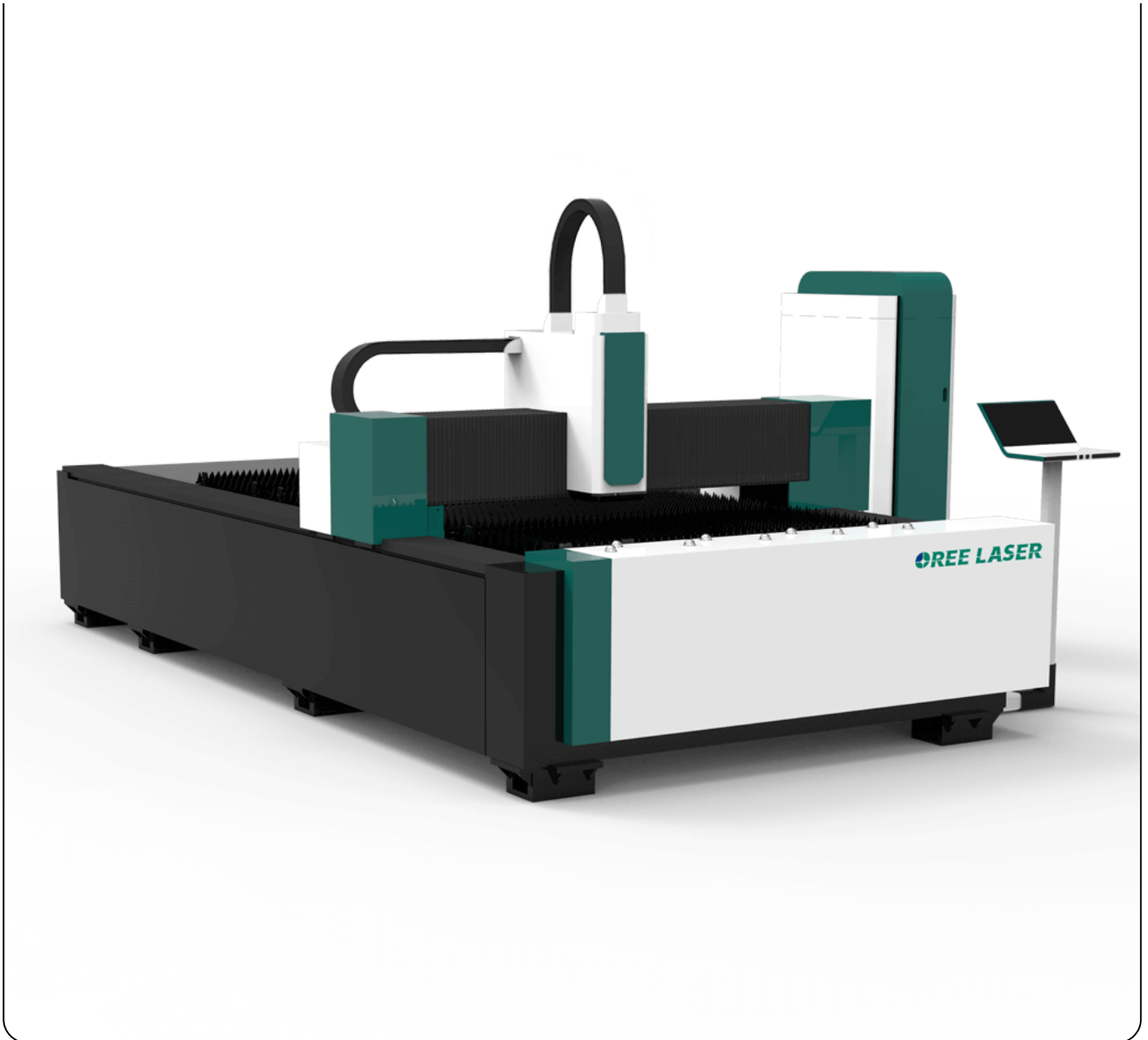
Repeat positioning accuracy ± 0.02 mm, positioning accuracy ± 0.03 mm, maximum speed of 170 m/min. The acceleration of 1.5 G. Make the best use of cutting board, the most efficient cutting processing, reduce the waste processing in the process of plate, improve processing efficiency.

- **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.

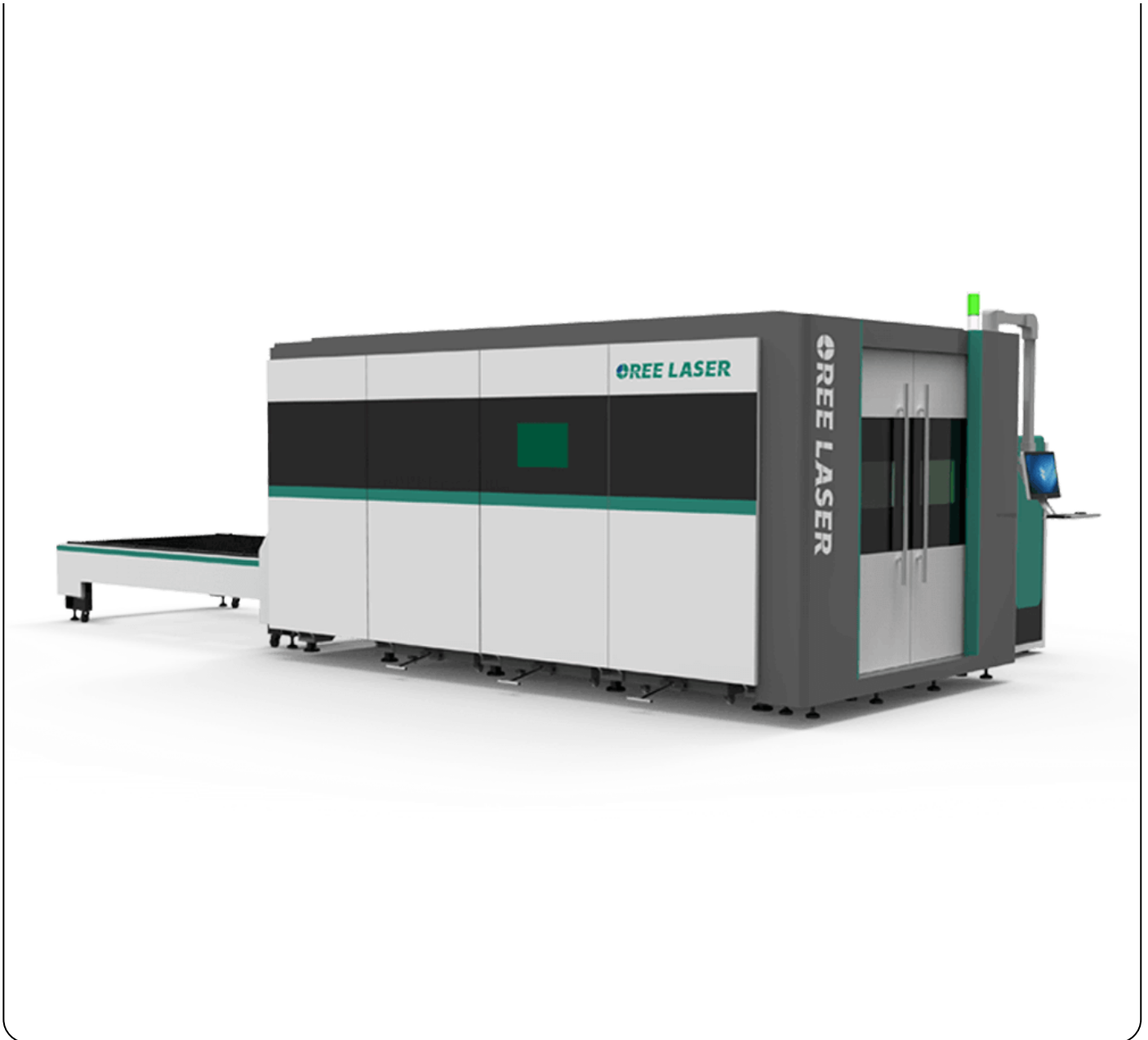
- **After-sales service**

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.



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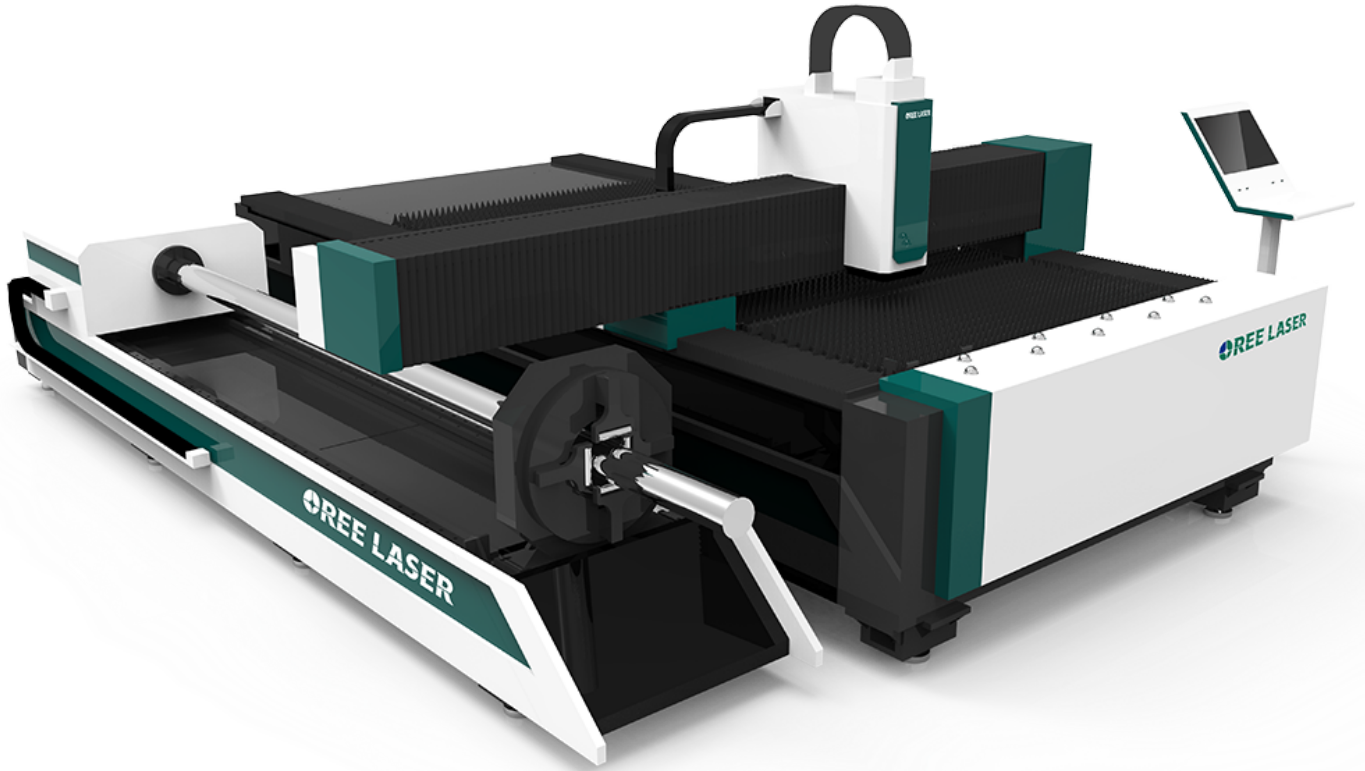
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SMART FIBER LASER CUTTING
MACHINE OR-S





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COMPANY



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