

# OR-E

Exchange Platform Cutter  
Fiber Laser Cutting Machine

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EXCHANGE PLATFORM CUTTER FIBER LASER CUTTING MACHINE OR-E

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space to reach more than 50%, brings the higher production efficiency, creates the higher profit.

- ② Electric chuck holder design, automatic adjustment center. The operation is simple and the machining diameter is between 20 and 200mm, which can satisfy most of the pipe cutting requirements. Effectively improve the cutting precision and improve work efficiency.
- ③ Cast iron bed body, minimum tensile strength of 200MPa flake graphite cast iron. Carbon content, compressive strength and hardness. The gap sensitivity and thermal sensitivity are lower. Reduces the loss of equipment in use. The precision of the machine tool is maintained for a long time, 50 years unchanged.
- 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

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Model

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Working Area

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Laser Power

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Engraving Speed

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Cutting Speed

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Highest Scanning Precision

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Locating Accuracy

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OR-E 1530 (optional)

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1500\*3000mm(optional)

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

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9350\*2300\*2000mm(optional)

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±0.02mm

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±0.03mm

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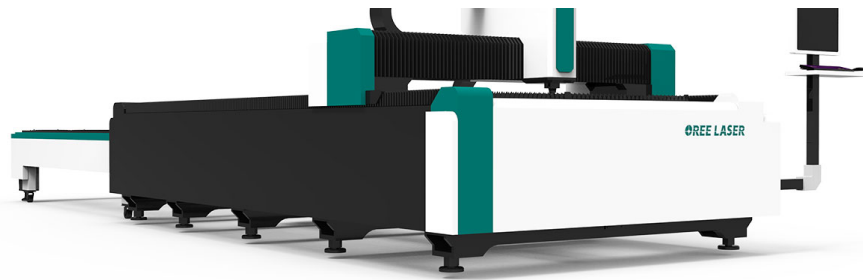
170m/min

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Above data is only for reference

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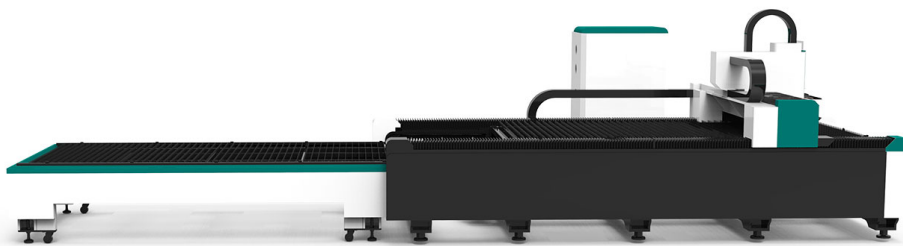




## A combination of both

Intensive design, lower investment, higher output. OR-FT, can cut the metal plate,  
also can cut the metal pipe material, one machine multi-purpose,  
saves the purchase two expenses,  
saves the space to reach more than 50%,  
brings the higher production efficiency, creates the higher profit.

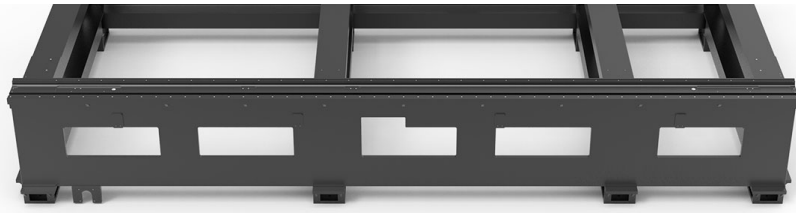
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## Climbing platform exchange platform

Using high and low exchange, exchange frequency inverter control motor,  
gear and rack drive system realizing the rapid and stable exchange mesa,  
stronger rigidity, higher precision,  
reduce feeding time, fast exchange platform.

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## 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.

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## 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 arks production, textile machinery parts, kitchen utensils, car, machinery, elevator, electric parts, spring coil slice, subway line spare parts, etc. industry

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# PROVIDE THE BEST CUSTOMER EXPERIENCE.

- **Automatic lubrication system**

Quantitative provide equipment lubricating oil regularly, ensure the normal speed, and level alarm, and other functions. Ensure accuracy and

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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  $\pm 0.02$  mm, positioning accuracy  $\pm 0.03$  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

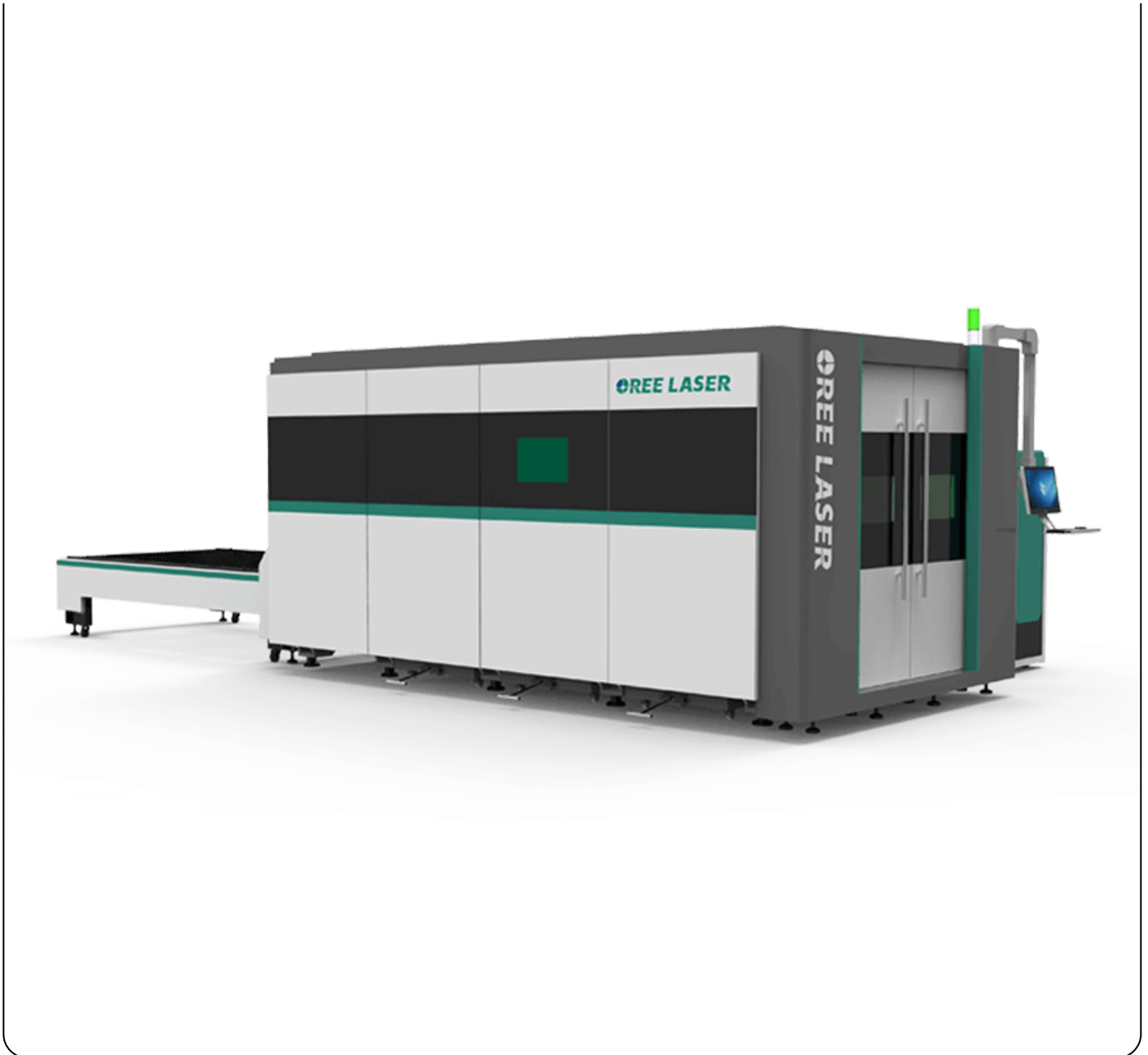
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debugging or operation training services, maintenance services, equipment parts replacement service, customer problems to solve and other requirements, regularly or irregularly to provide customers the company research and development of new products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

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FLATBED FIBER LASER CUTTING  
MACHINE OR-F



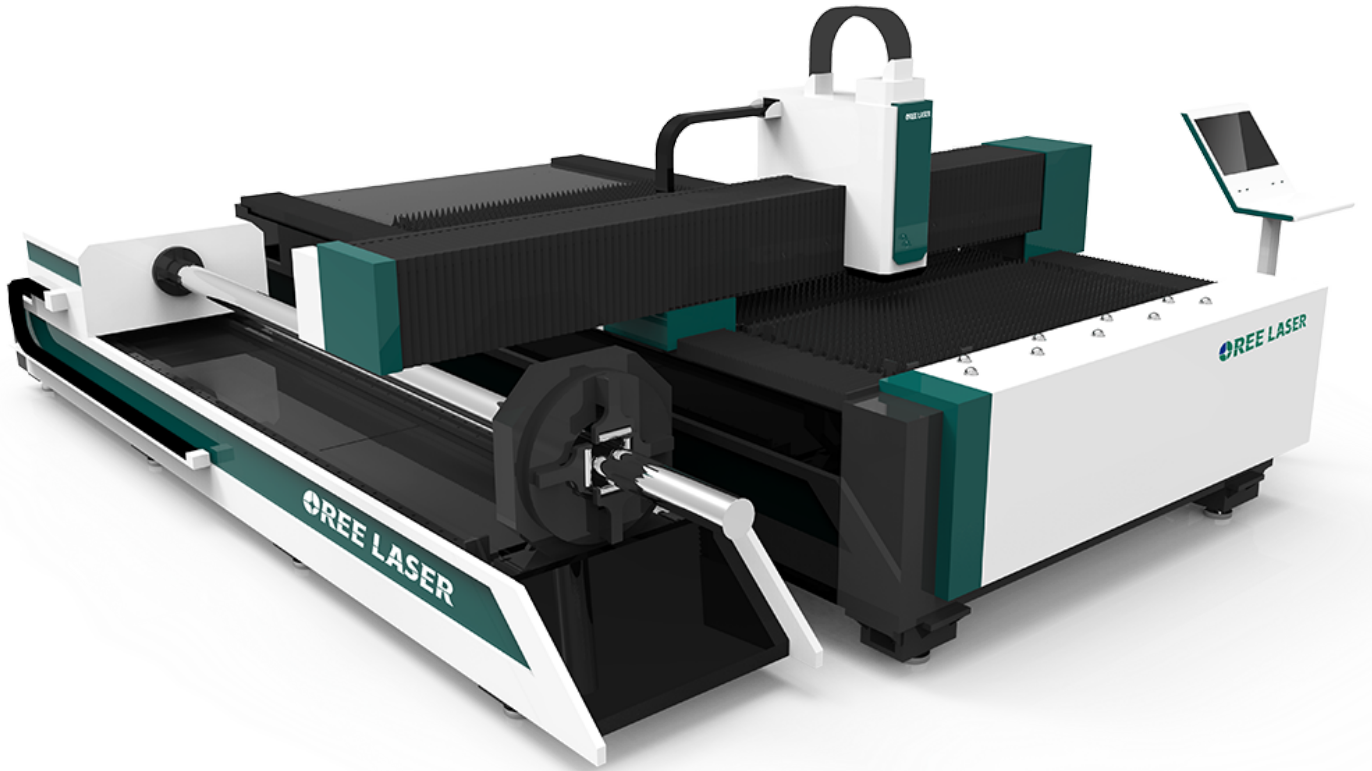
ALL COVERED FLATABLE FIBER LASER  
CUTTING MACHINE OR-P

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SMART FIBER LASER CUTTING  
MACHINE OR-S



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