

ACAT

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OREE LASER
欧锐激光

OR-PH series

Full Enclosed Fiber Laser Cutting Machine

1000w-6000w

- Triangular Overweight Welded Bed
- Aviation Aluminum Alloy Beam
- Lightning Exchange
- Packed in a 20HQ container for easy transportation.

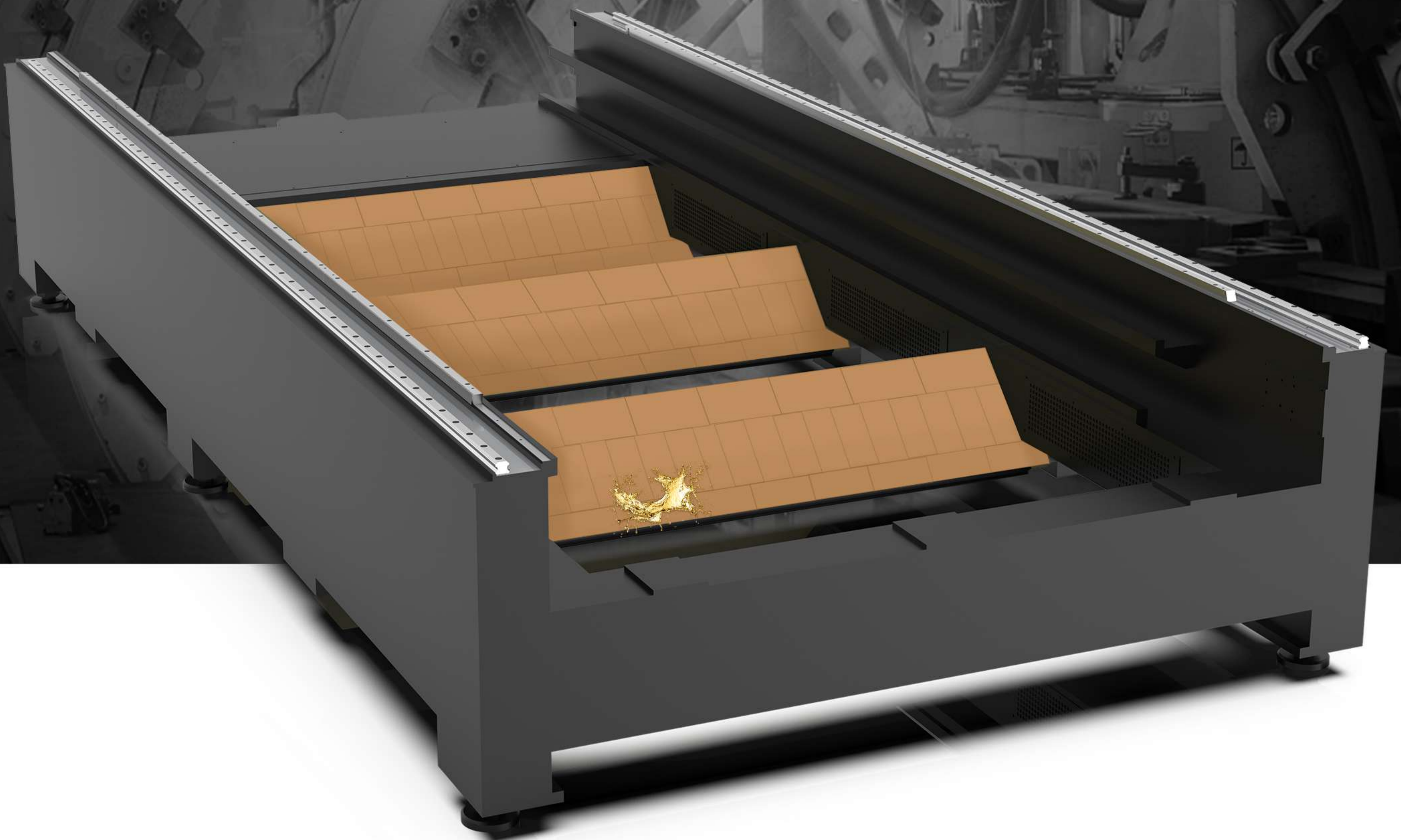
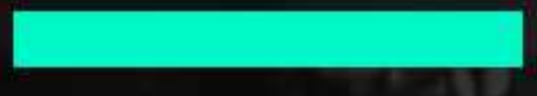


Family-style fully protected surrounded



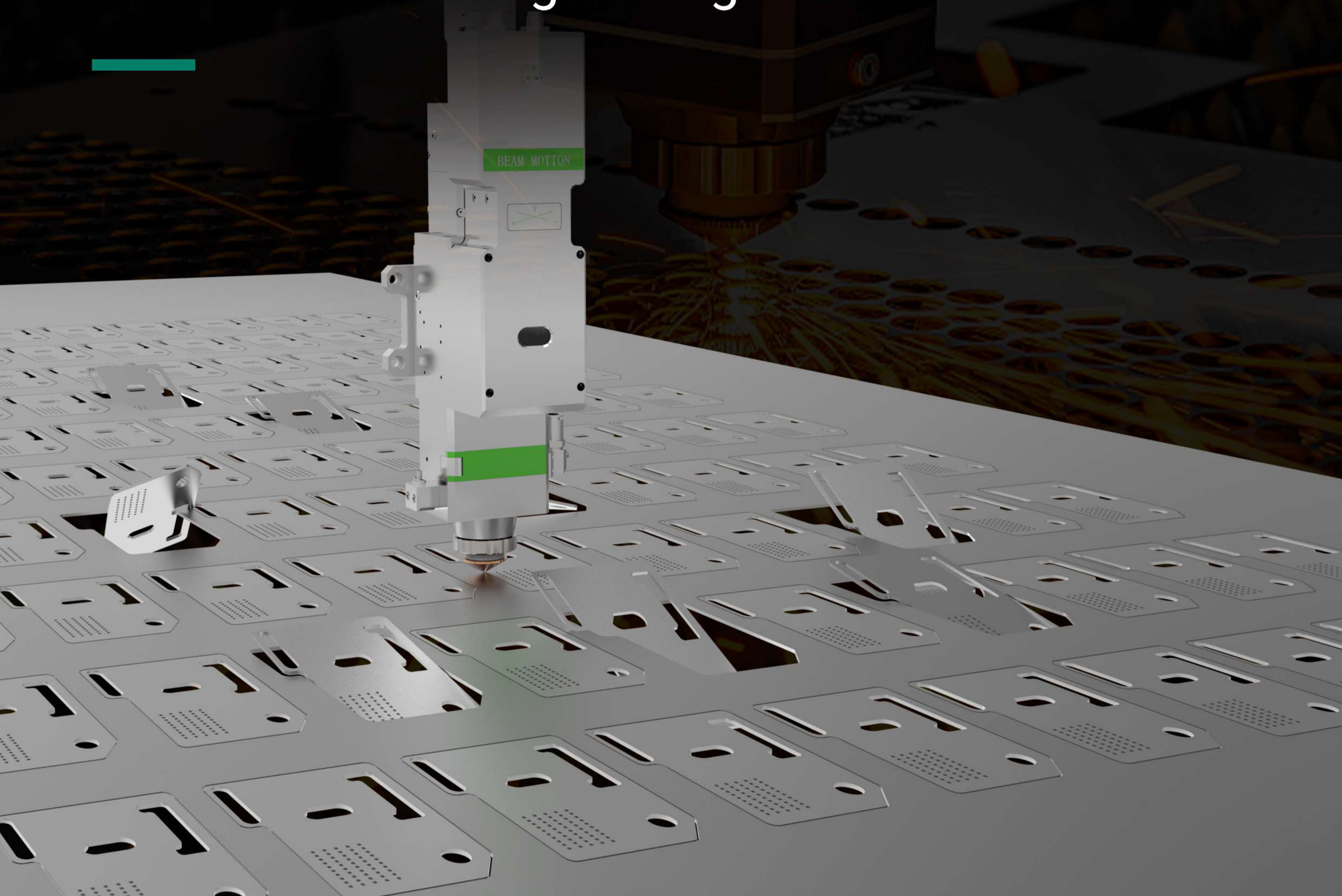
- Ultra HD 32-inch touch screen
- Standard high-definition camera
- CE standard laser protective glass
- Anti-slip pedal design, open the door to stop the operation, improve the protection level of machine tool operators.

Duplex high-strength plate welding bed



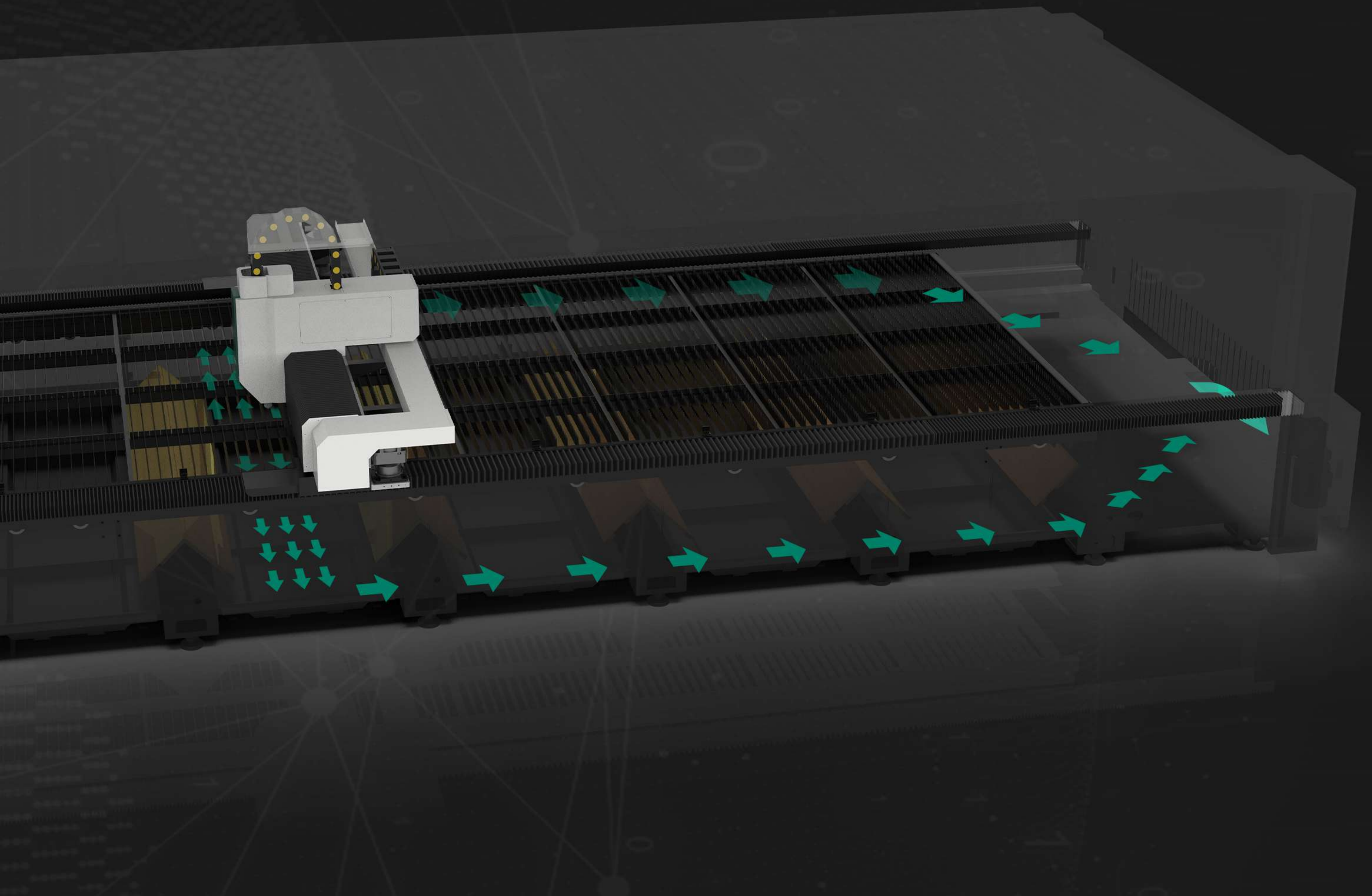
- ☑ Fire-resistant brick fireproof design
- ☑ Heat-resistant and burn-resistant metal plate
- ☑ Against wall structure

Automatic focusing cutting head



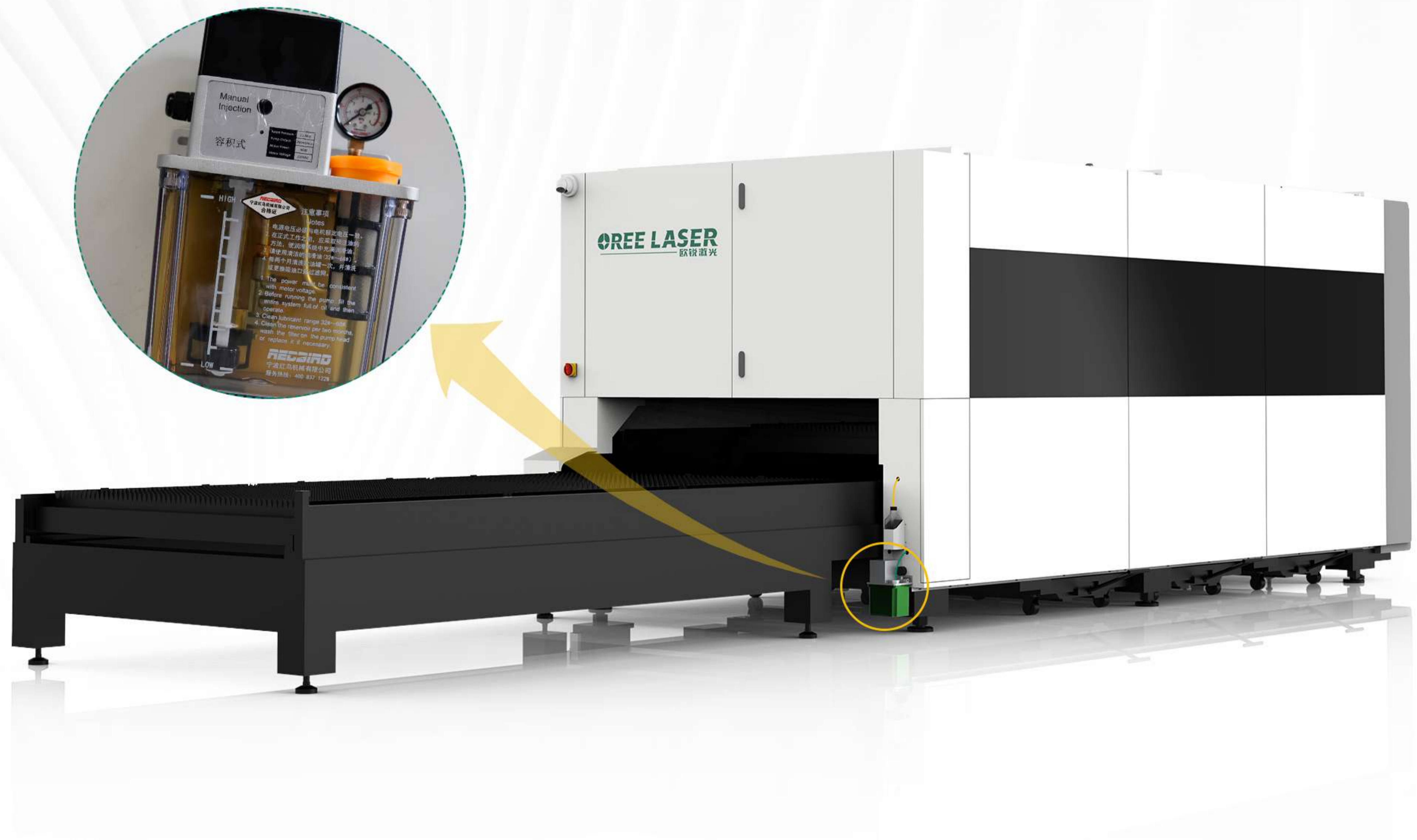
- Follow the height of the plate to move, don't worry about the unevenness of the plate affecting the cutting effect.
- Equipped with a laser head brush, which can automatically clean the nozzles, which is efficient and worry-free.
- Automatic focusing, reducing human intervention, focusing speed 10m/min, repeat accuracy 50 μ m.

Featured partition dust removal



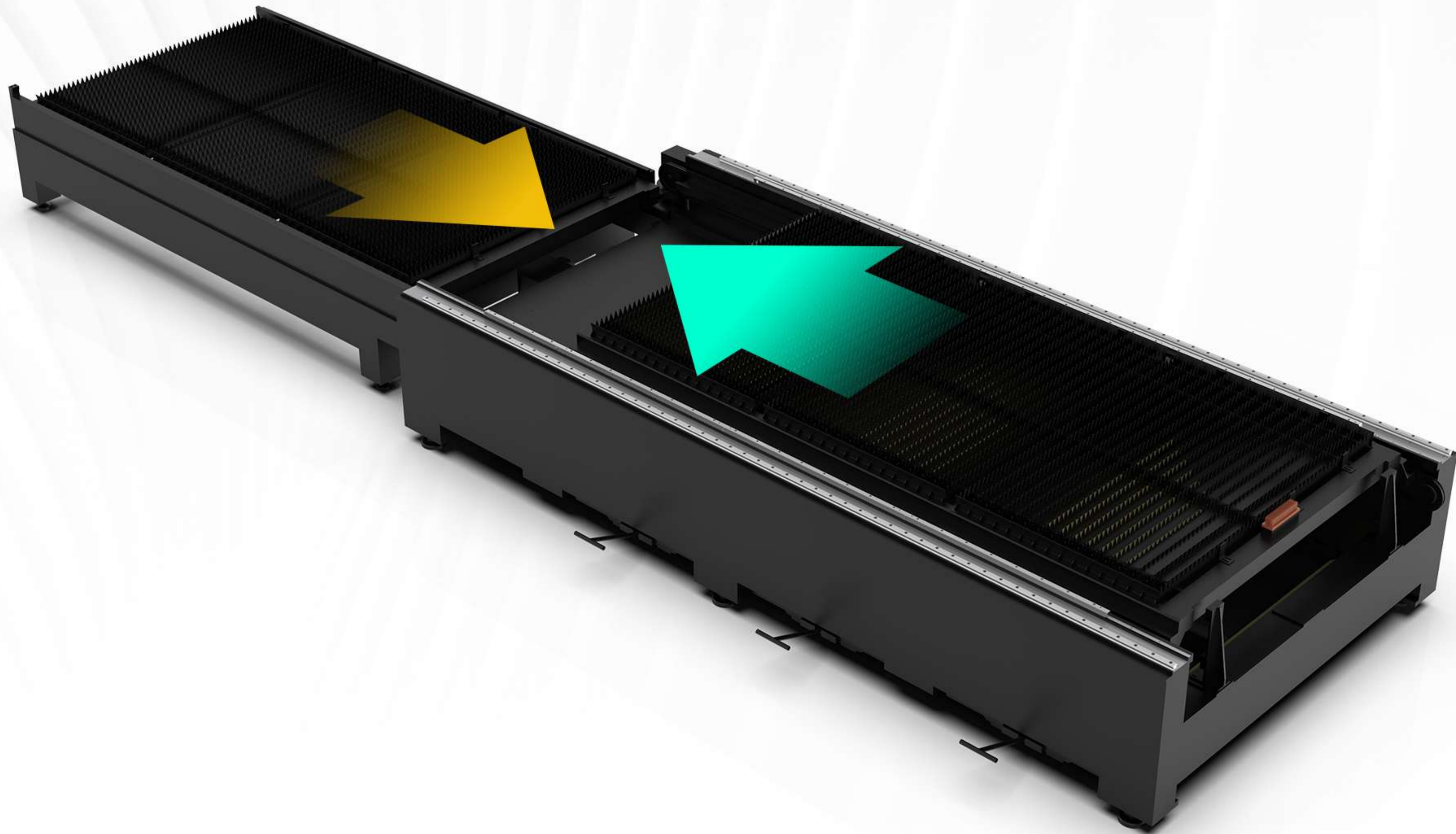
- The air door is single-controlled, divided into multiple zones, and the large-diameter special air duct greatly improves the effect of smoke exhaust and heat removal.
- The lower part of the cutting area of the equipment is equipped with partition dust removal system, with a powerful gathering air exhaust system, which blows up and sucks down, and removes dust more thoroughly, with zero environmental pollution and more environment friendly.

Intelligent Centralized Lubrication



- The software controls the oil pump to automatically lubricate, and the lubrication frequency and time interval are manually controllable, saving labor time.
- All-round lubrication, automatic lubrication at multiple points such as guide rails, gears, racks, sliders, and leadscrews, reduces equipment strain rate.
- Waste oil recycling: special oil return tank, waste oil centralized recycling bottle, can be recycled and centralized treatment of lubricating waste oil

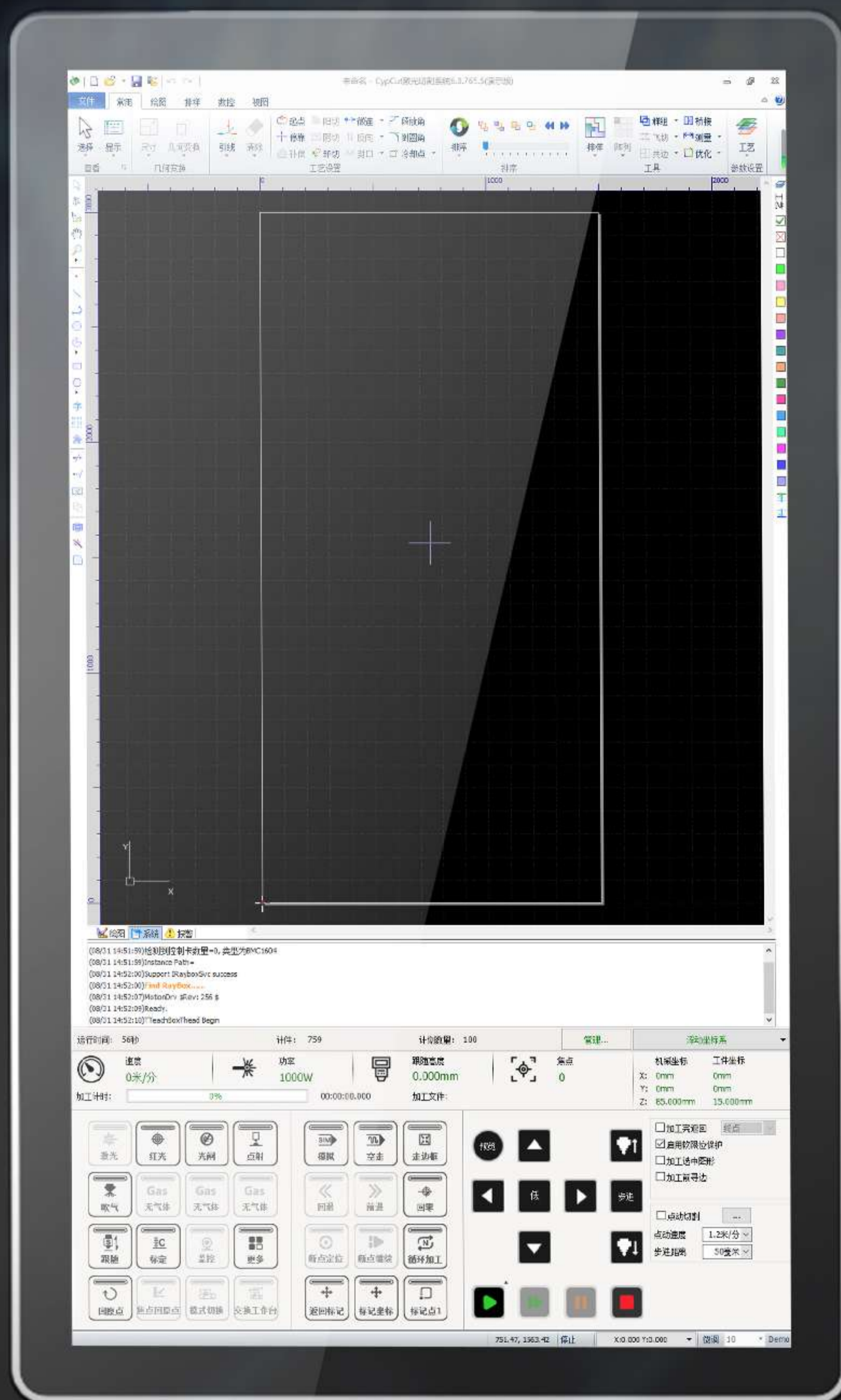
Lightning Exchange



- High and low exchange platform, realize fast and complete exchange, save loading and unloading time
- The exchange method adopts the anti-oxidation hexagonal steel design, no clearance fit, and the operation is more stable.
- Rail steel wire brushes are installed at the front and back of the worktable, and the dust on the guide rails is automatically cleaned by the exchange movement of the table.

Laser cutting control system

Equipped with a professional cutting bus system to achieve high-precision and high-quality processing.



01
Leapfrog function

02
Multi-level punching function

03
Laser energy control

04
Fly-cutting



Packed in a 20HQ container for easy transportation.



This small machine can be installed in a 20HQ container to protect the fuselage from damage during transportation, reduce transportation costs, and facilitate loading and unloading.

Technical Parameter



Model

OR-PH3015

Processing area

3015*1530mm

Laser power

1000w-6000w

Positioning accuracy

0.03mm

Repeated positioning accuracy

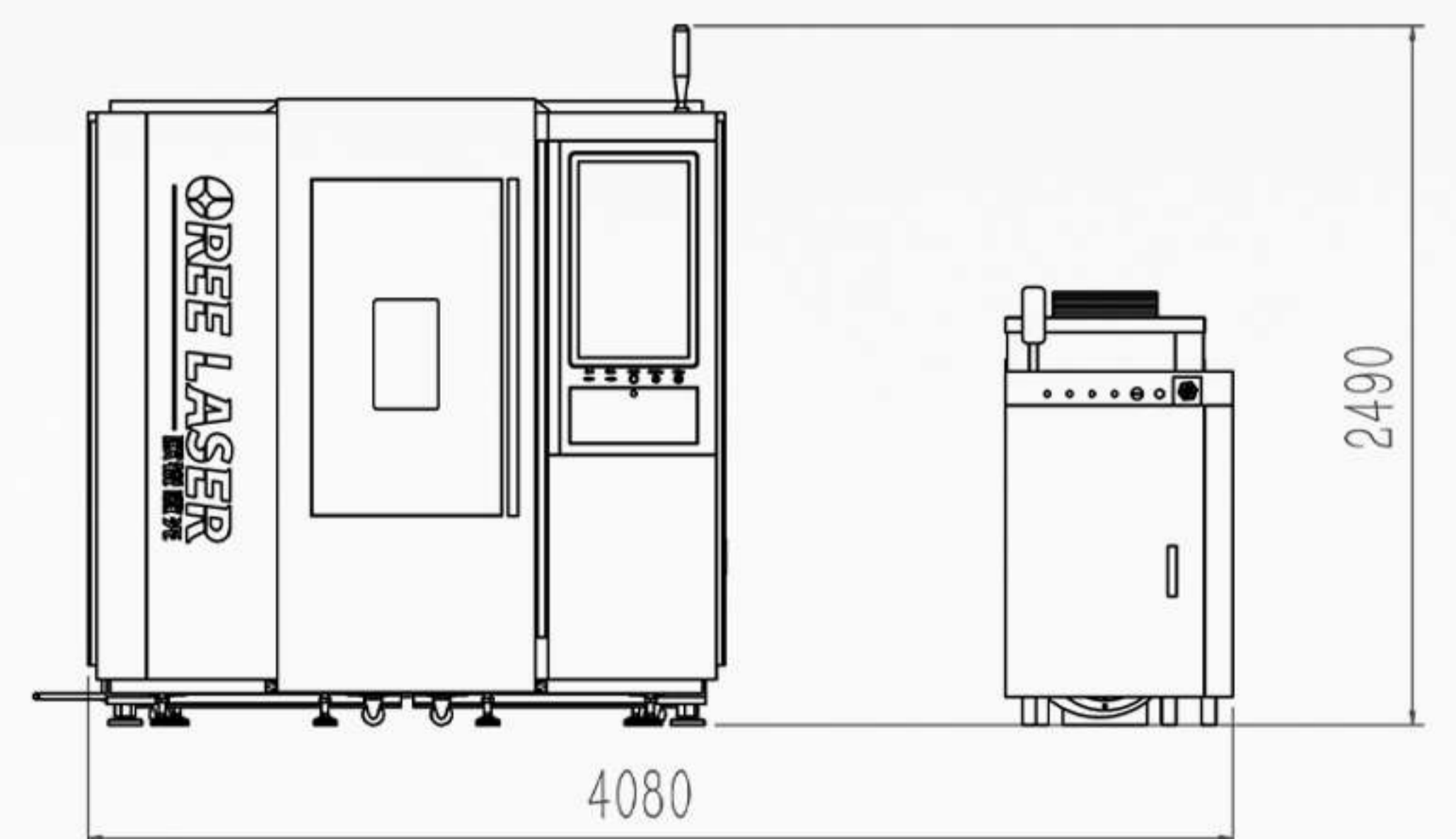
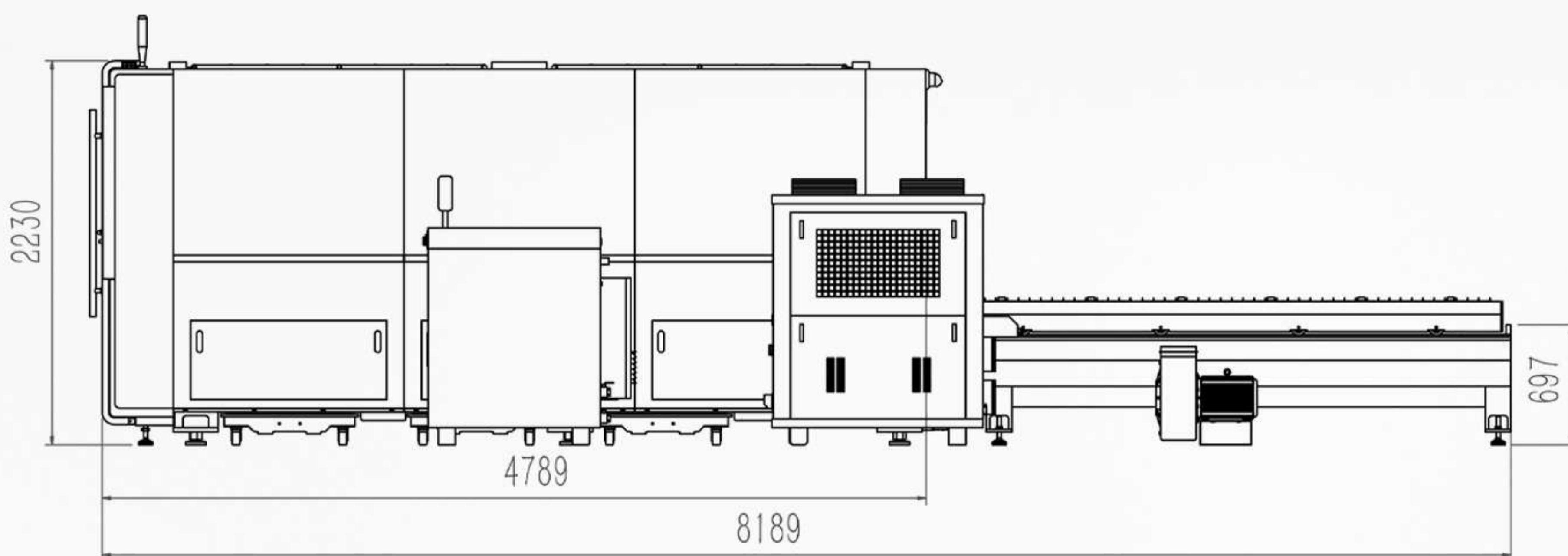
0.02mm

Maximum cutting speed

100m/min

Maximum acceleration

1.5G



Production lines



• LASER CUTTING



• GROOVE WELDING



• STRESS ANNEALING



• SANDBLASTING



• ROUGHING



• FINISHING

Strict in quality control flow



Bed Foot Installation



Rail Installation



Rack Installation



Beam Installation



Positioning Accuracy Inspection



Laser Power Meter Test



72h Machine Aging Test



Pack And Ship

Sales partner in Mexico:



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