

LD LASER

LD-S Series

Ground Rail | Fiber Laser Cutting Machine

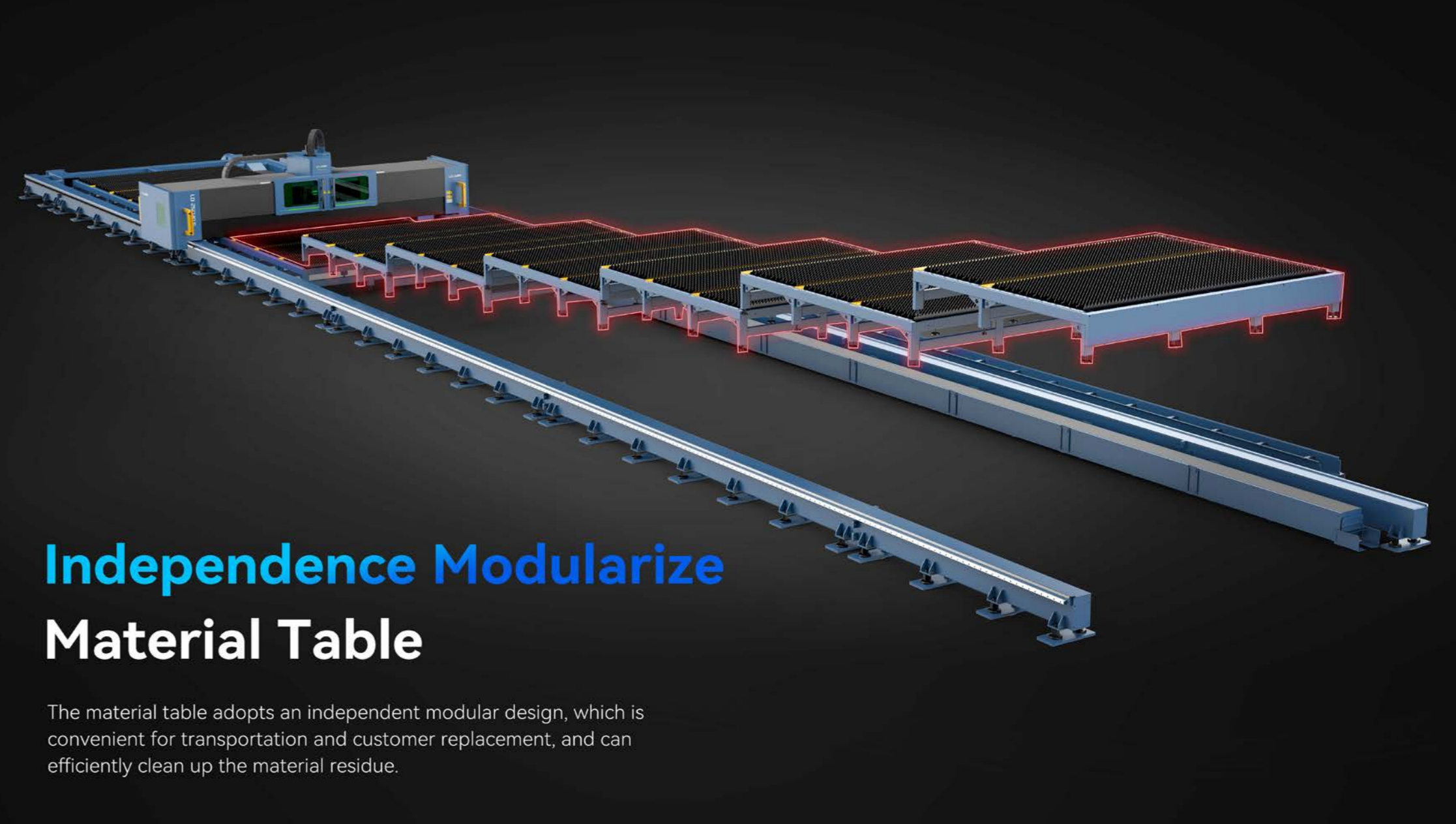
NEW ARRIVALS





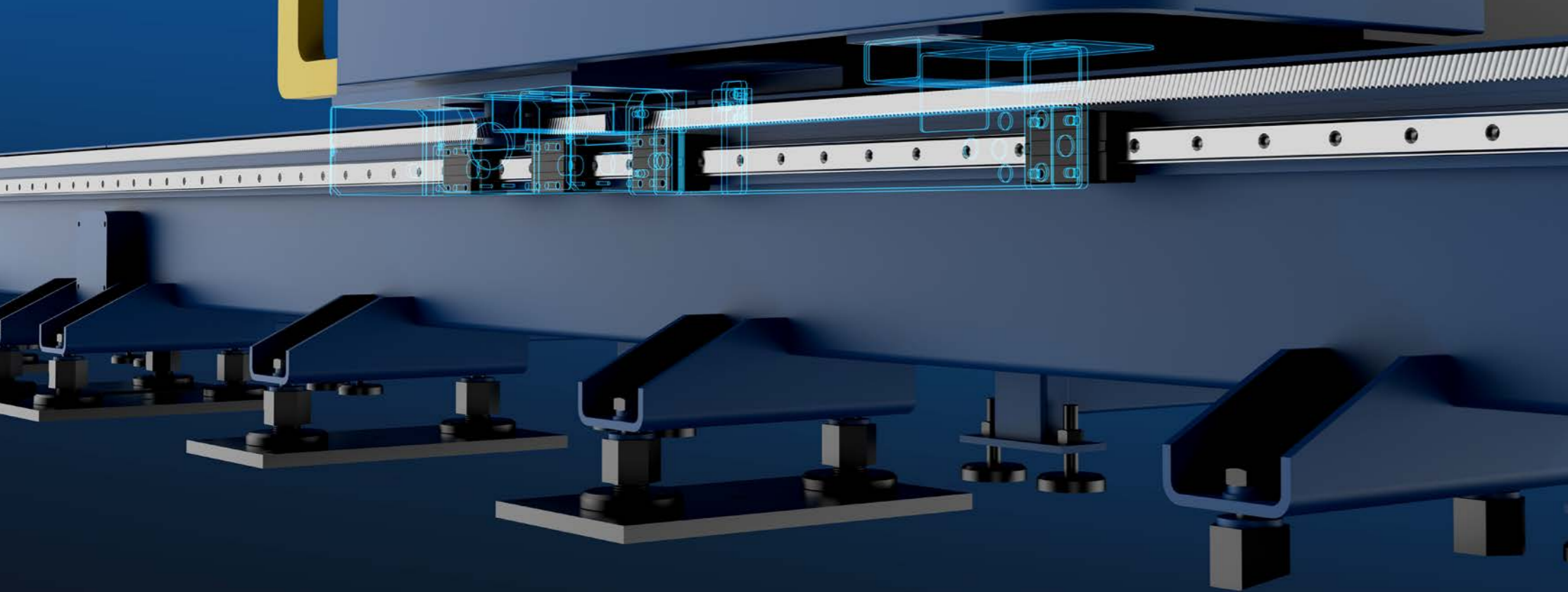
Gantry Enclosed Structure With Sliding Maintenance Door

Facilitates equipment maintenance with X-axis dual-layer dust-proof curtain design: upper layer minimizes light leakage and light source emission; lower layer isolates smoke and dust, safeguarding rack and guide rails.



Independence Modularize Material Table

The material table adopts an independent modular design, which is convenient for transportation and customer replacement, and can efficiently clean up the material residue.



Both sides of the beam base
3+1 Slider Each

It can run stably and efficiently for a long time. The wear of each slider is reduced, which prolongs the service life. It reduces the resonance and shaking of sheet metal and ensures the cutting accuracy.

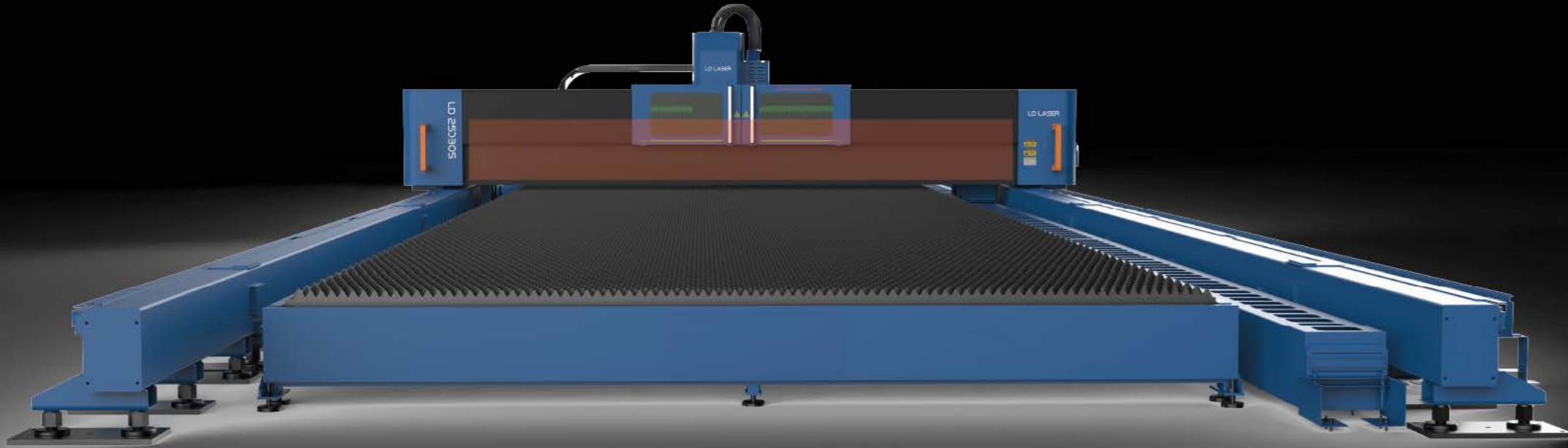


The guide rail rack adopts a
Side-mounted Design

The Y-axis adopts a side-mounted design with sheet metal protection to prevent the loading and unloading of materials from bumping/smashing the rack guide rail.

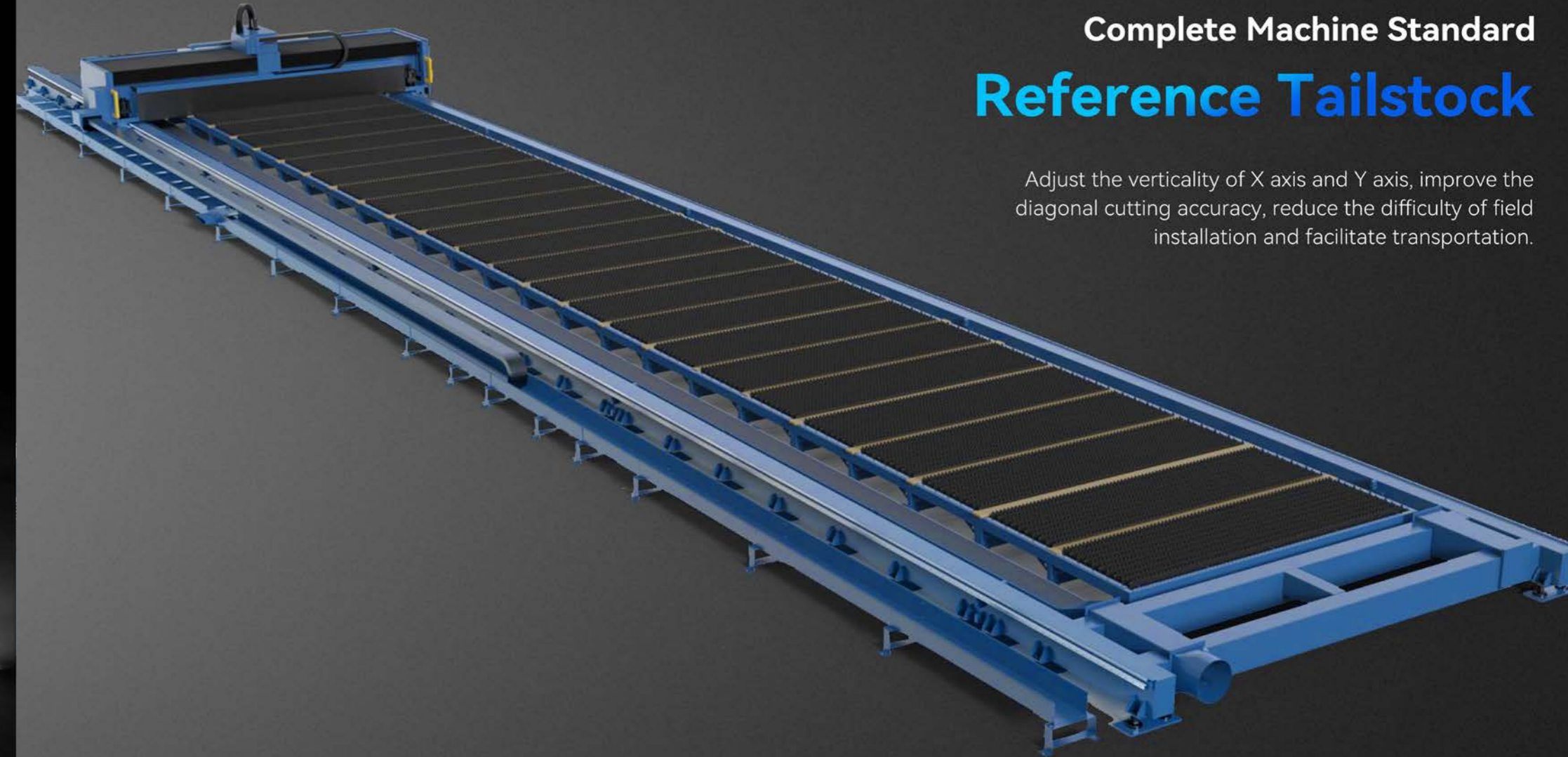
Protective Grating Safe Production

The front and rear sides of the beam are equipped with high-sensitivity safety gratings, which can better protect the safety of operators during the movement of the machine tool.



Complete Machine Standard Reference Tailstock

Adjust the verticality of X axis and Y axis, improve the diagonal cutting accuracy, reduce the difficulty of field installation and facilitate transportation.



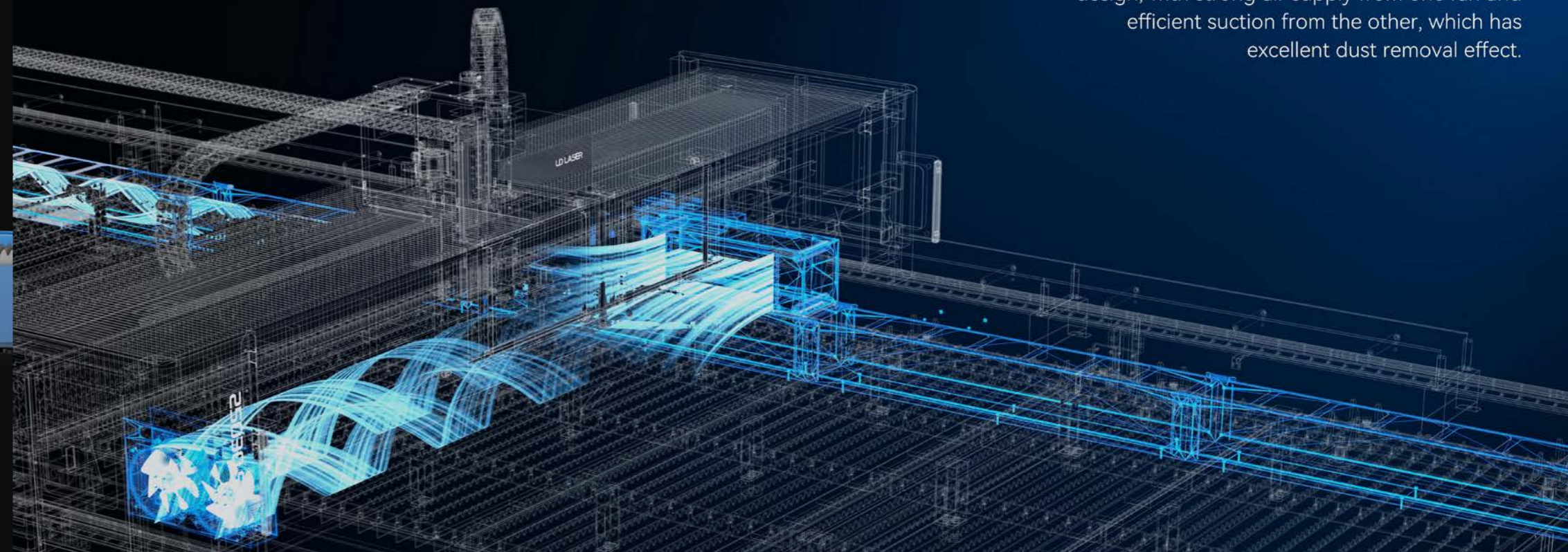
Encrypted Foot Stable & Firm

With a triangular double footing support structure, the footing is enlarged and welded with the base plate to form an integrated whole.



Blow-suction Type Exhaust Smoke and Dust

The dust removal system adopts blow-suction design, with strong air supply from one fan and efficient suction from the other, which has excellent dust removal effect.





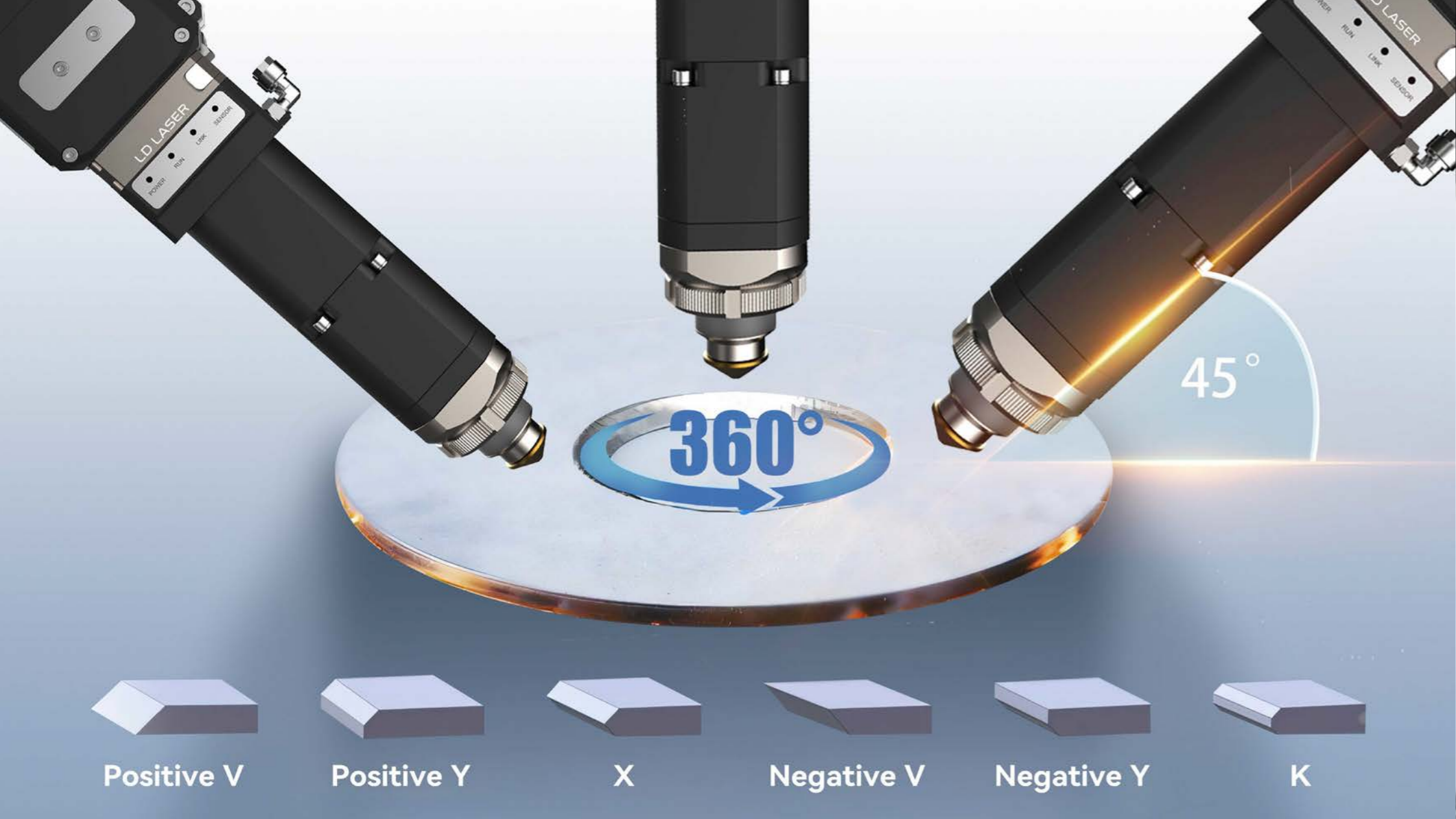
Ultra-large Format Free Cutting

The processing width can be customized according to the size requirements, which realizes the overall processing of oversized workpieces and meets more cutting requirements.



Optional Straight-cut Mode With Double Focus Cutting Head

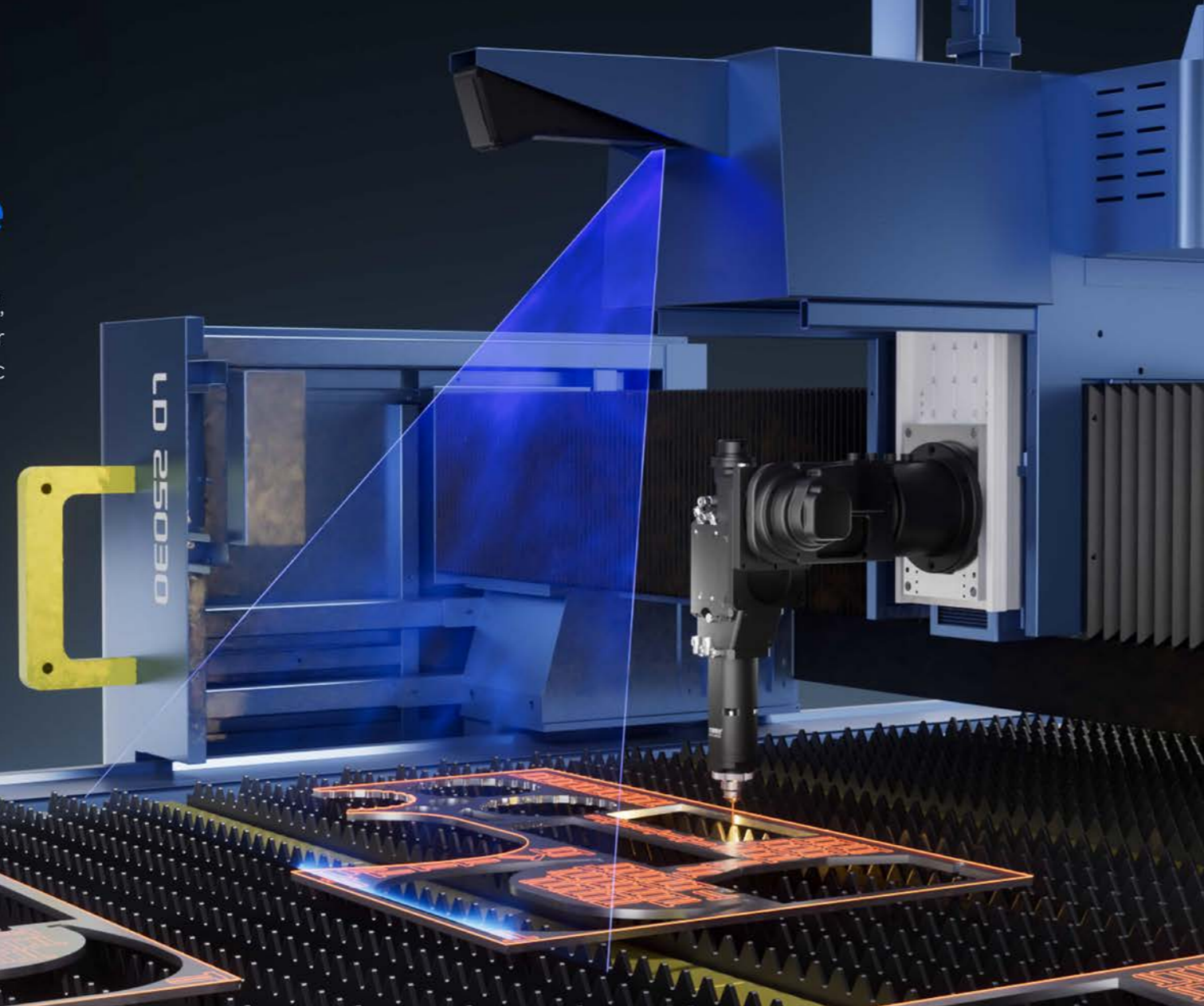
Dual-spot switching enables ultra-high power processing of various sheet thicknesses, compatible with both air and oxygen cutting to enhance efficiency. Molten pool monitoring detects beam coaxial deviation and performs real-time adjustment, ensuring consistent cutting quality.



Both straight cutting
and Beveling can be equipped with

Sky Eye Device

The scrap corners are "turned into treasure",
the scanner accurately outlines the contour
and positions, and the manual or automatic
layout can be switched at will.



Smart System Intelligent Control

The equipment is equipped with a new generation (HypCut) smart operating system

Follow-up Anti-collision Sensor

Sense the warping of the plate in advance, automati-
cally avoid obstacles, and reduce the maintenance
cost of the laser head.

One-second Edge Search

The equipment can intelligently find the edge and
adjust the cutting process to suit the angle and
position of the sheet material to avoid waste.

Residual Material Layout

Parts are arranged more reasonably,
reducing plate waste.



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