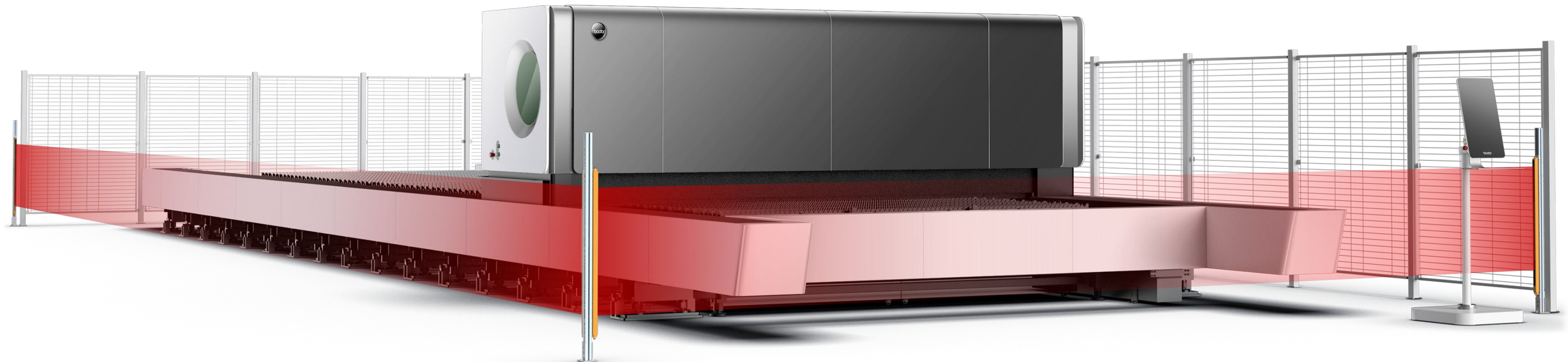


Bodor **H** Series

High-Performance Model | Ultra-large Format Sheet Laser Cutting Machine



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Up to European Standards More Than Large

Ultra-large Format Safety Protection Green Environment

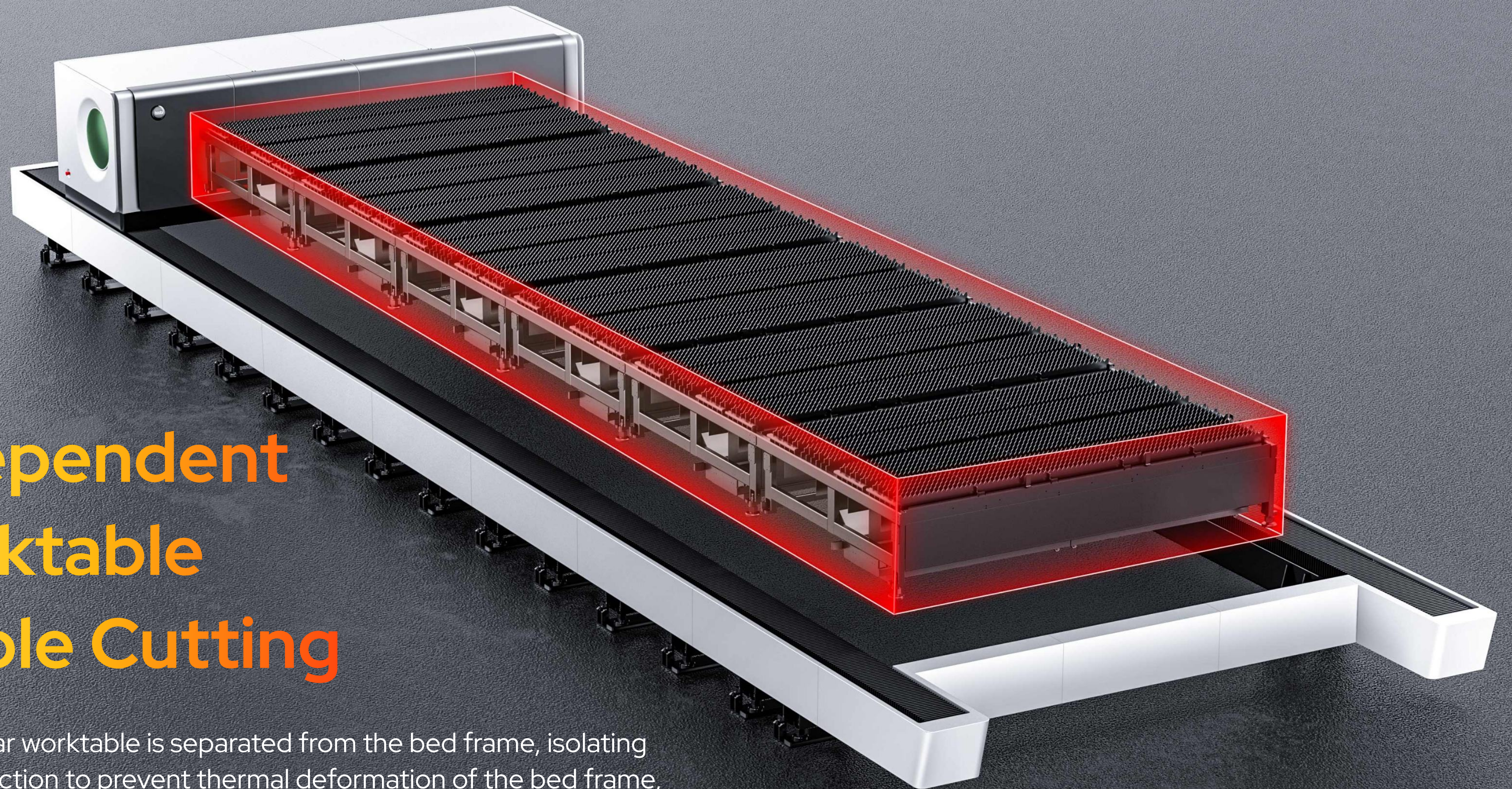
Ultra-large Format Customizable to Your Needs

The extra-large format provides broader customization choices.
A 12-meter+ bed frame offers significant efficiency advantages.



Independent Worktable Stable Cutting

The modular worktable is separated from the bed frame, isolating heat conduction to prevent thermal deformation of the bed frame, which could affect the stable movement of the supporting beam, thus ensuring cutting quality.



Dual Protection No Safety Risks

The processing area is equipped with dual safety protection curtains, which not only prevent the spread of cutting dust and splashing debris but also ensure personal safety.



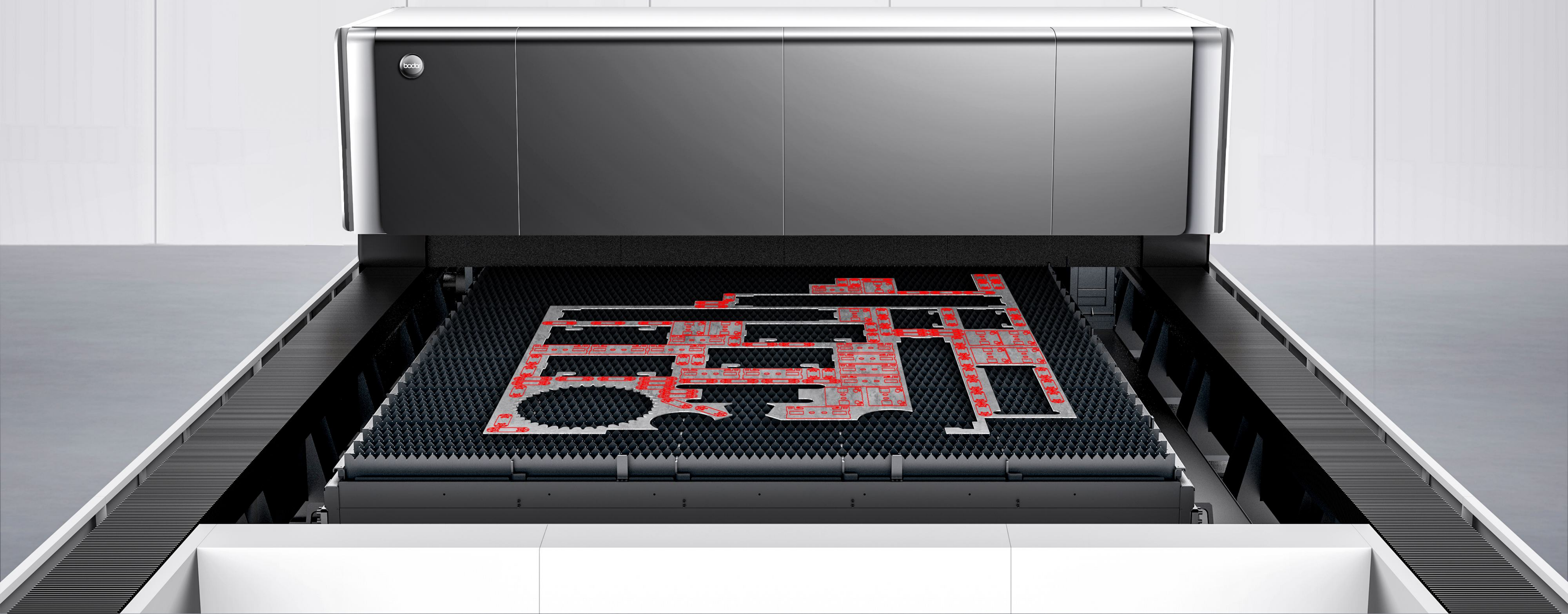
Ventilating Dedusting System Ensures Thoroughly Clean

Intelligently following the cutting path, with strong blowing and suction, it removes smoke and dust generated during the cutting process in real-time, solving workshop pollution issues to create safe and environmentally friendly working conditions.

Remnants Layout

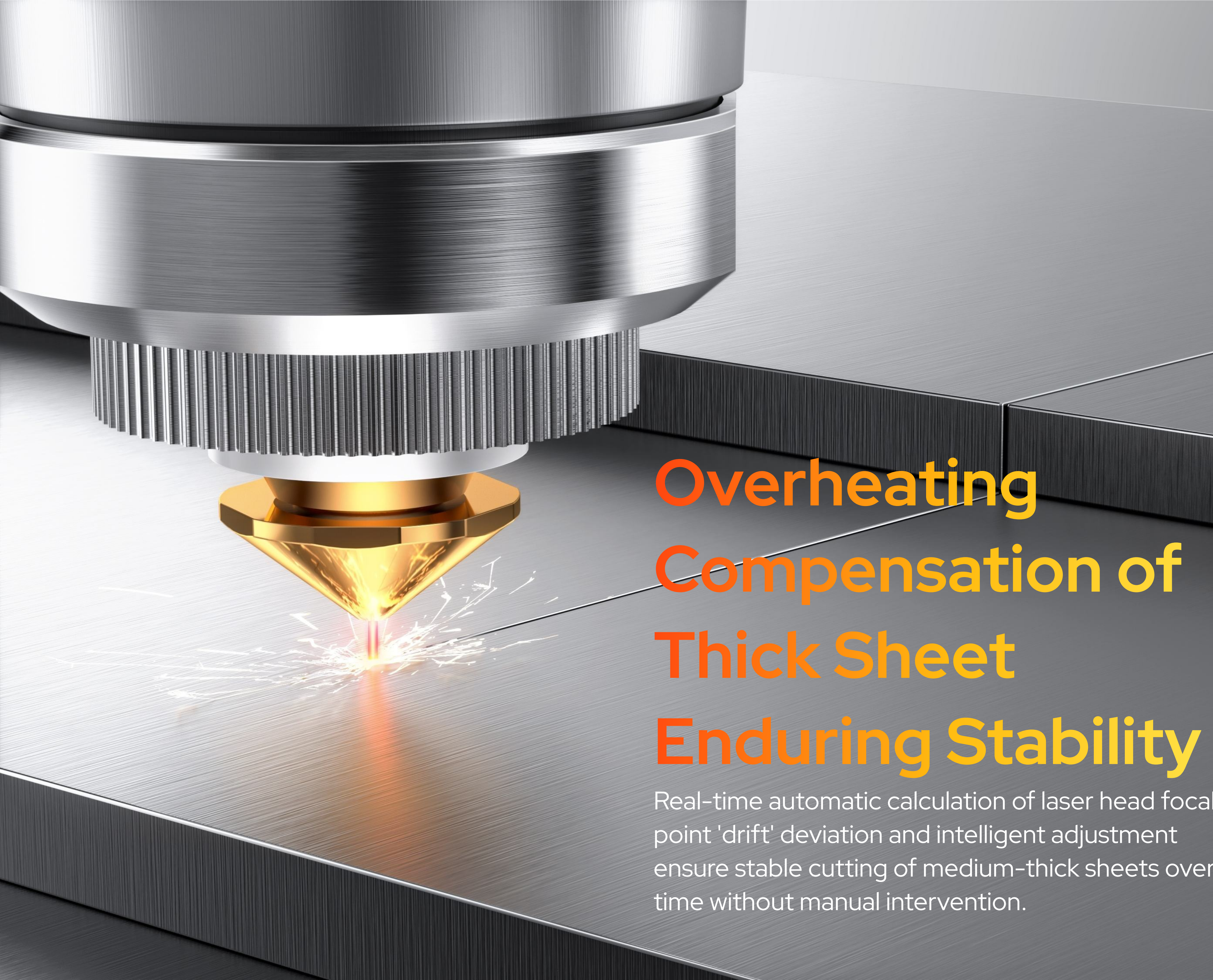
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Taking a photo of remnants with your phone and uploading the image, the system automatically identifies and quickly locates the corners, making the remnant layout a one-click task.
Even waste - can create new value.



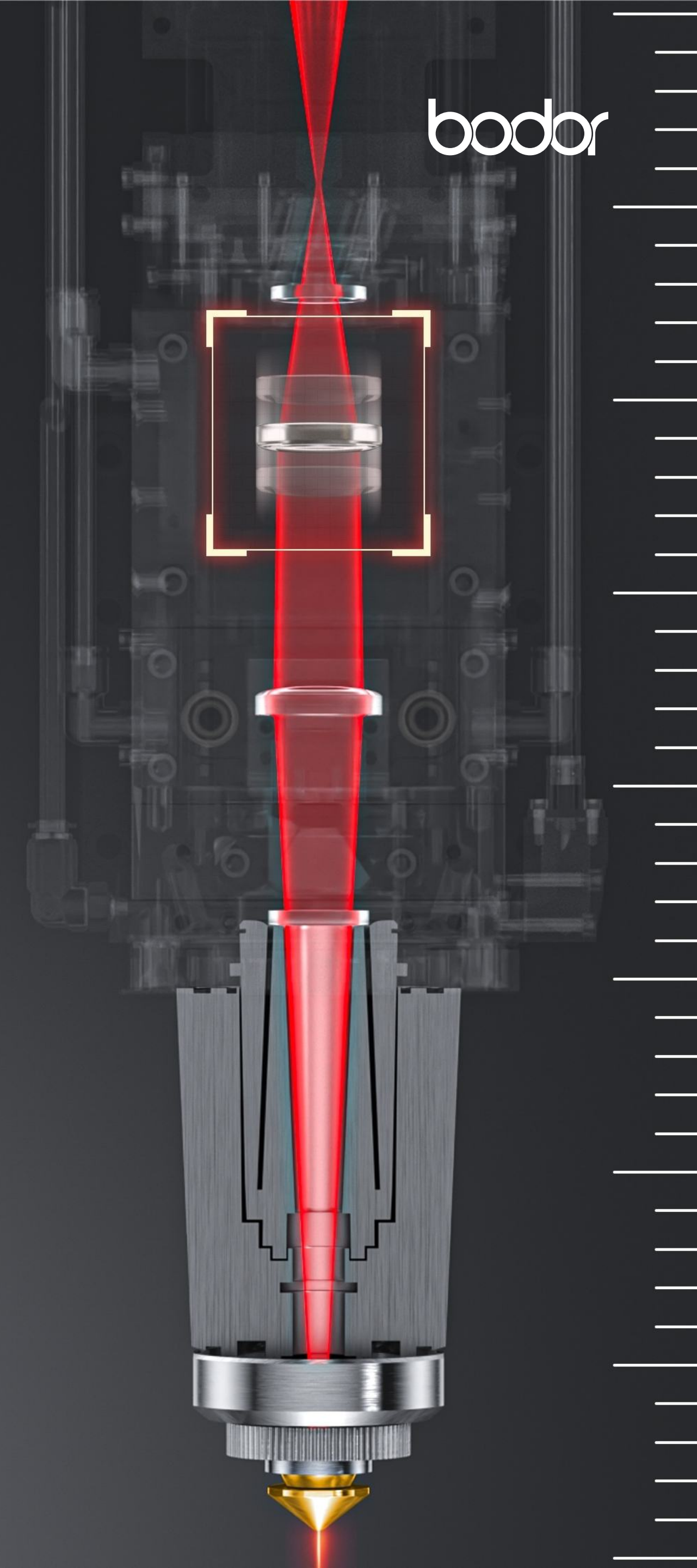
Laser Head Intelligent Collision Avoidance

Self-developed servo-following sensors and path avoidance algorithm, which can accurately sense obstacles in real-time at 360° in the operating path, and plan the obstacle avoidance route in advance to reduce the risk of laser head collision significantly.



Overheating Compensation of Thick Sheet Enduring Stability

Real-time automatic calculation of laser head focal point 'drift' deviation and intelligent adjustment ensure stable cutting of medium-thick sheets over time without manual intervention.



5-year Warranty for Bodor **Self-developed** Three Core Laser Components

With our perfect integration technology for the self-developed BodorThinker control system, BodorPower laser source, and BodorGenius laser head, we can extend the service warranty for these three core components to five years! The three core components are designed, produced, tested, and delivered in an integrated manner, working perfectly together to make the equipment run more stably and efficiently. At the same time, it greatly reduces the risk of component contamination and failure rate, extends the lifespan, and lowers maintenance costs by avoiding repeated assembly.





H Series Parameters

	H 3000-12	H 3000-16	H 3000-20	H 3000-24
Working Area	12500mm×3200mm	16500mm×3200mm	20500mm×3200mm	24500mm×3200mm
Max. Linkage Speed	80m/min	80m/min	80m/min	80m/min
Table Load Bearing	18000kg	24000kg	30000kg	36000kg
Positioning Accuracy	±0.05mm/m	±0.05mm/m	±0.05mm/m	±0.05mm/m
Repositioning Accuracy	±0.03mm	±0.03mm	±0.03mm	±0.03mm
Cutting Parameter AutoMatch	●12kW and above	●12kW and above	●12kW and above	●12kW and above
Remnant Typesetting	●	●	●	●
Active Anti-Collision Function	●	●	●	●
Gantry Structure	Triangular Type Ultra-High Pressure Honeycomb Aluminum Gantry	Triangular Type Ultra-High Pressure Honeycomb Aluminum Gantry	Triangular Type Ultra-High Pressure Honeycomb Aluminum Gantry	Triangular Type Ultra-High Pressure Honeycomb Aluminum Gantry



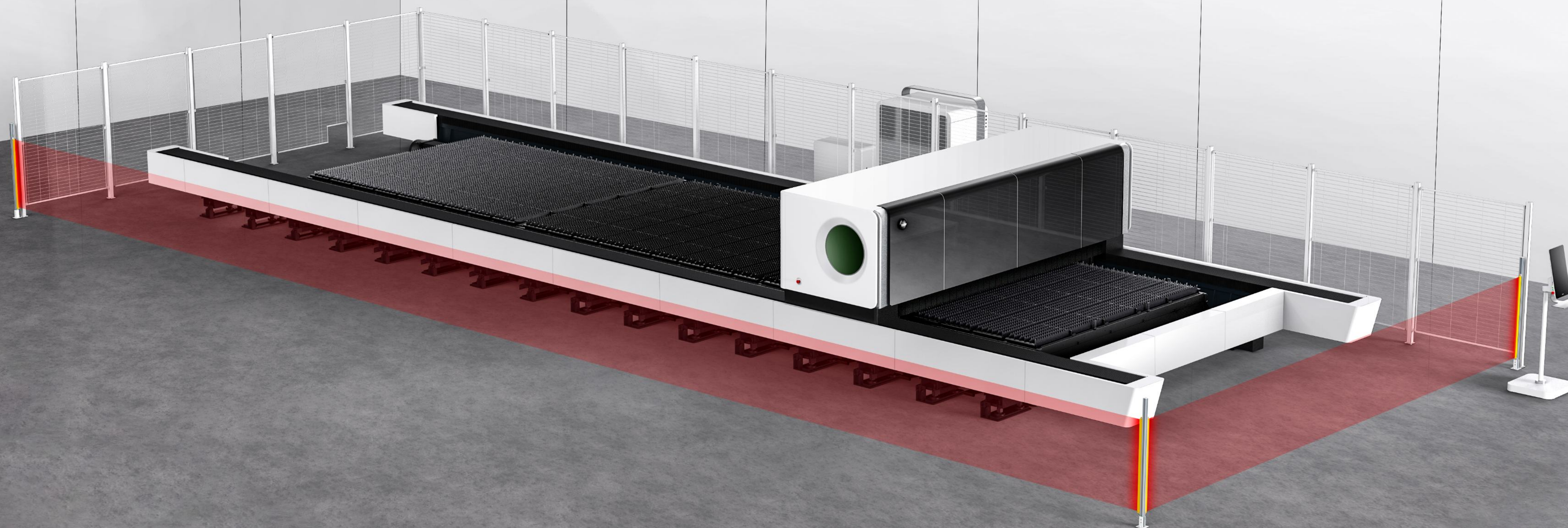
H Series Parameters

	H 4000-12	H 4000-16	H 4000-20	H 4000-24
Working Area	12500mm×4200mm	16500mm×4200mm	20500mm×4200mm	24500mm×4200mm
Max. Linkage Speed	80m/min	80m/min	80m/min	80m/min
Table Load Bearing	24000kg	32000kg	40000kg	48000kg
Positioning Accuracy	±0.05mm/m	±0.05mm/m	±0.05mm/m	±0.05mm/m
Repositioning Accuracy	±0.03mm	±0.03mm	±0.03mm	±0.03mm
Cutting Parameter AutoMatch	●12kW and above	●12kW and above	●12kW and above	●12kW and above
Remnant Typesetting	●	●	●	●
Active Anti-Collision Function	●	●	●	●
Gantry Structure	High Strength Welding Beam	High Strength Welding Beam	High Strength Welding Beam	High Strength Welding Beam



H Series Parameters

H 5000-32	
Working Area	32500mm×5150mm
Max. Linkage Speed	80m/min
Table Load Bearing	78000kg
Positioning Accuracy	±0.05mm/m
Repositioning Accuracy	±0.03mm
Cutting Parameter AutoMatch	●12kW and above
Remnant Typesetting	●
Active Anti-Collision Function	●
Gantry Structure	High Strength Welding Beam



**Up to European Standards
More Than Large**

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Dare to dream