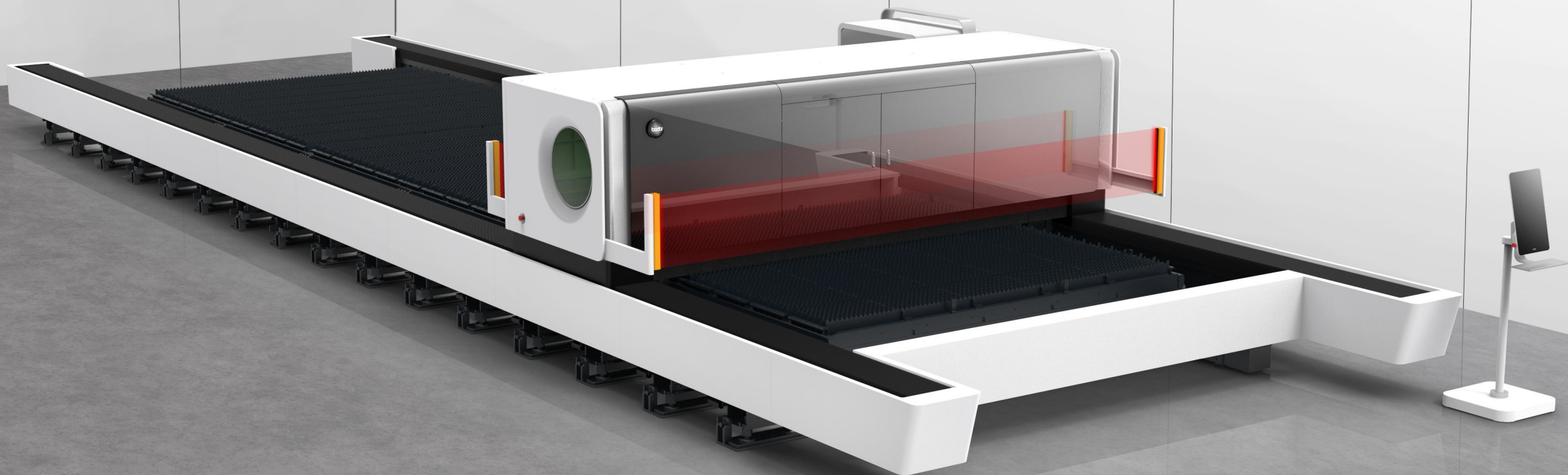


H series

Ultra-large format sheet fiber laser metal cutting machine

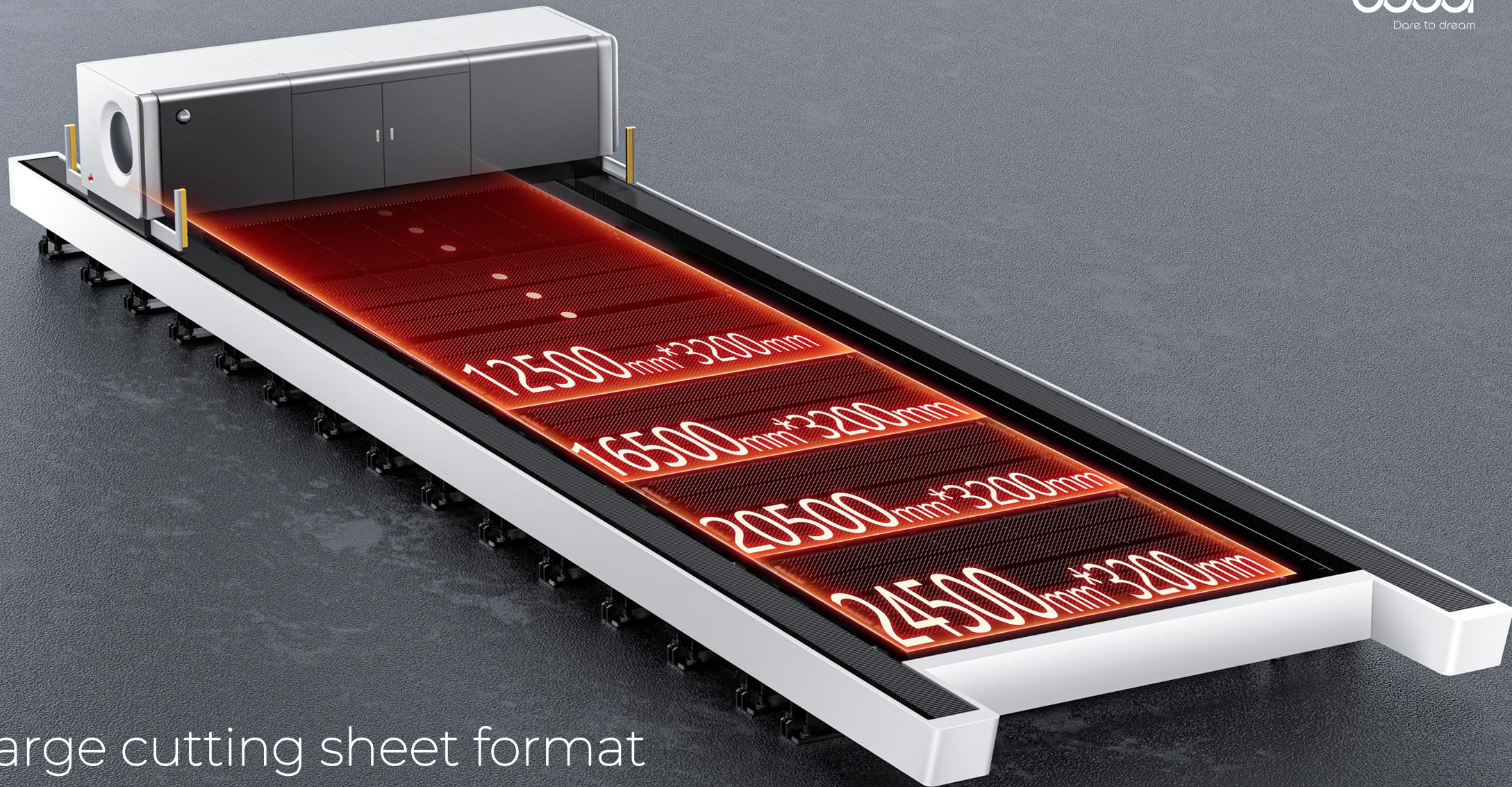
High-performance model





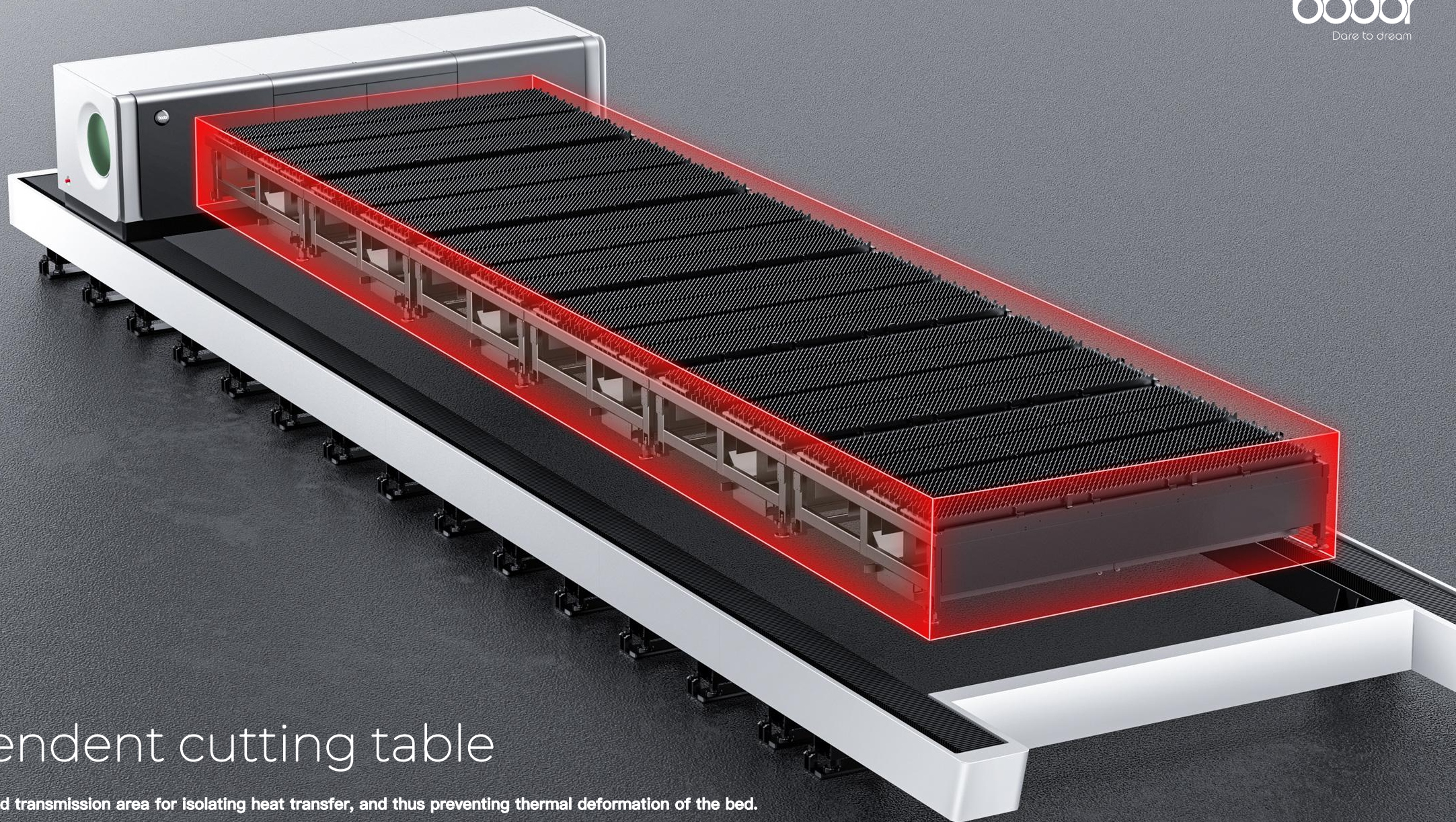
Up to European standards More than large

Safe Eco-friendly Large machinable sheet format



Ultra large cutting sheet format

Ultra large cutting sheet format customization at will
Efficient option for processing sheets over 12m

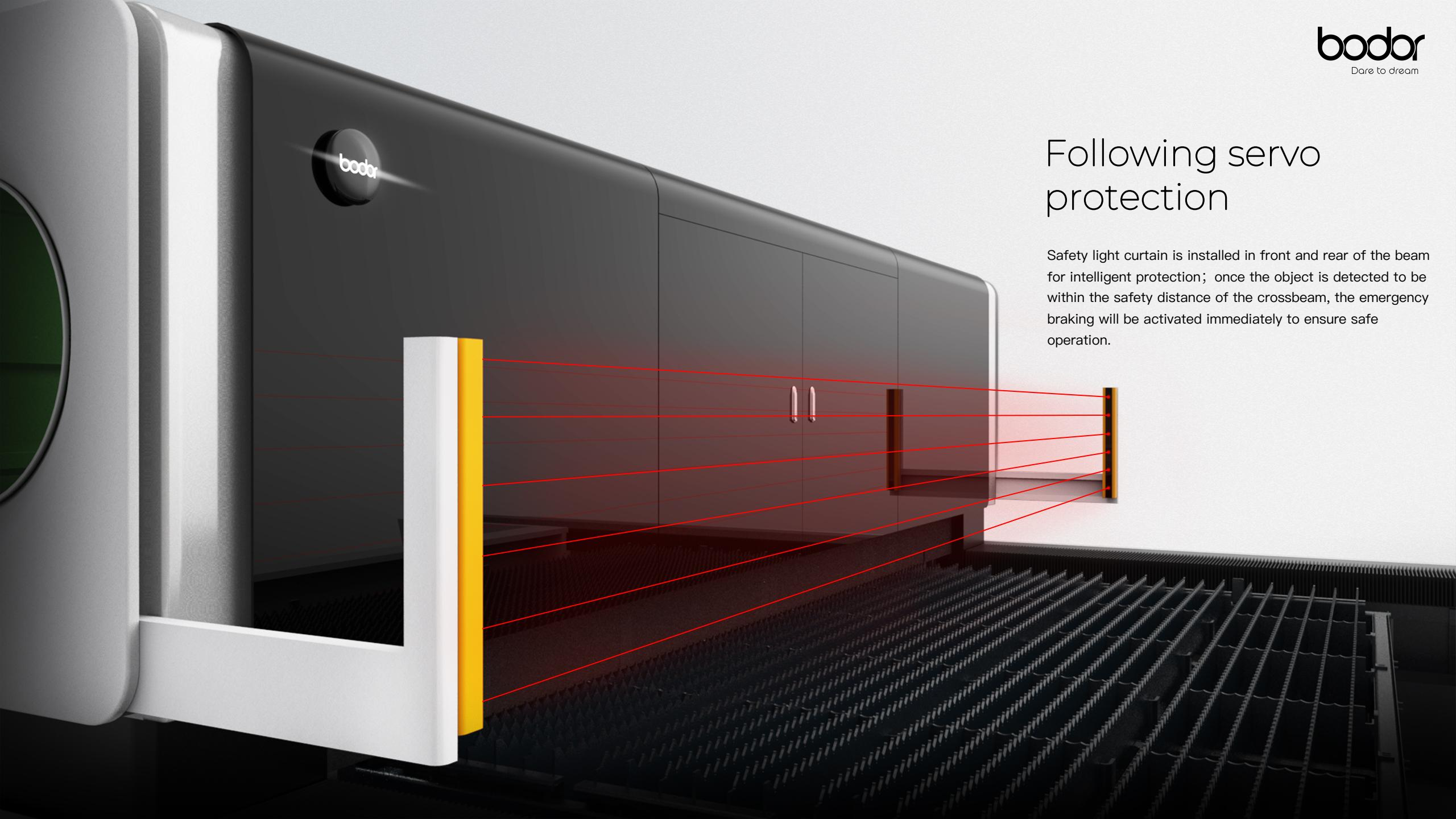


Independent cutting table

Separated cutting and transmission area for isolating heat transfer, and thus preventing thermal deformation of the bed.

Following servo protection

Safety light curtain is installed in front and rear of the beam for intelligent protection; once the object is detected to be within the safety distance of the crossbeam, the emergency braking will be activated immediately to ensure safe operation.





Safety guaranteed inside out

Safety enclosure + laser protection glass + emergency stop on both sides.



Laser head active obstacle avoidance

Self-developed servo-following sensing and paths avoidance algorithm, significantly reduce the risk of laser head collision caused by workpiece warping

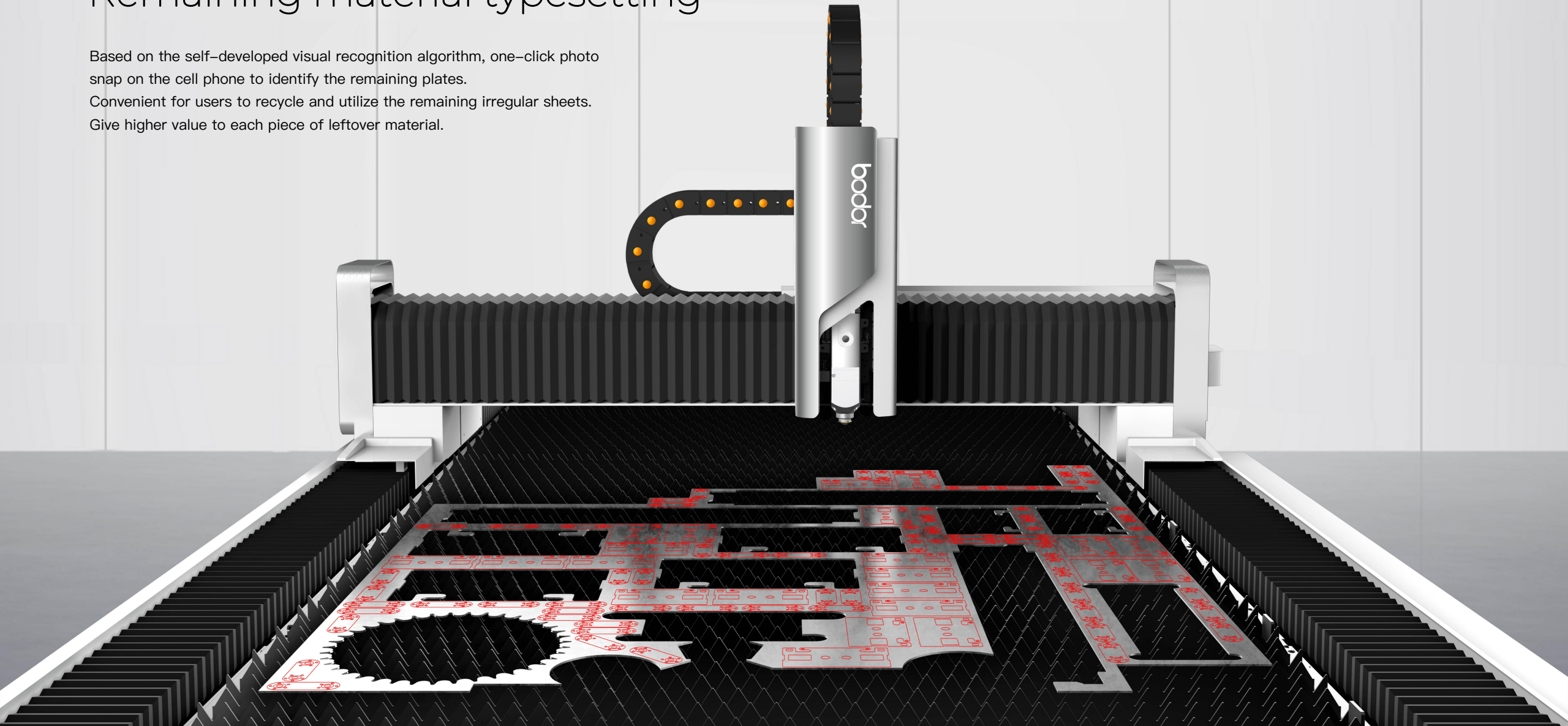


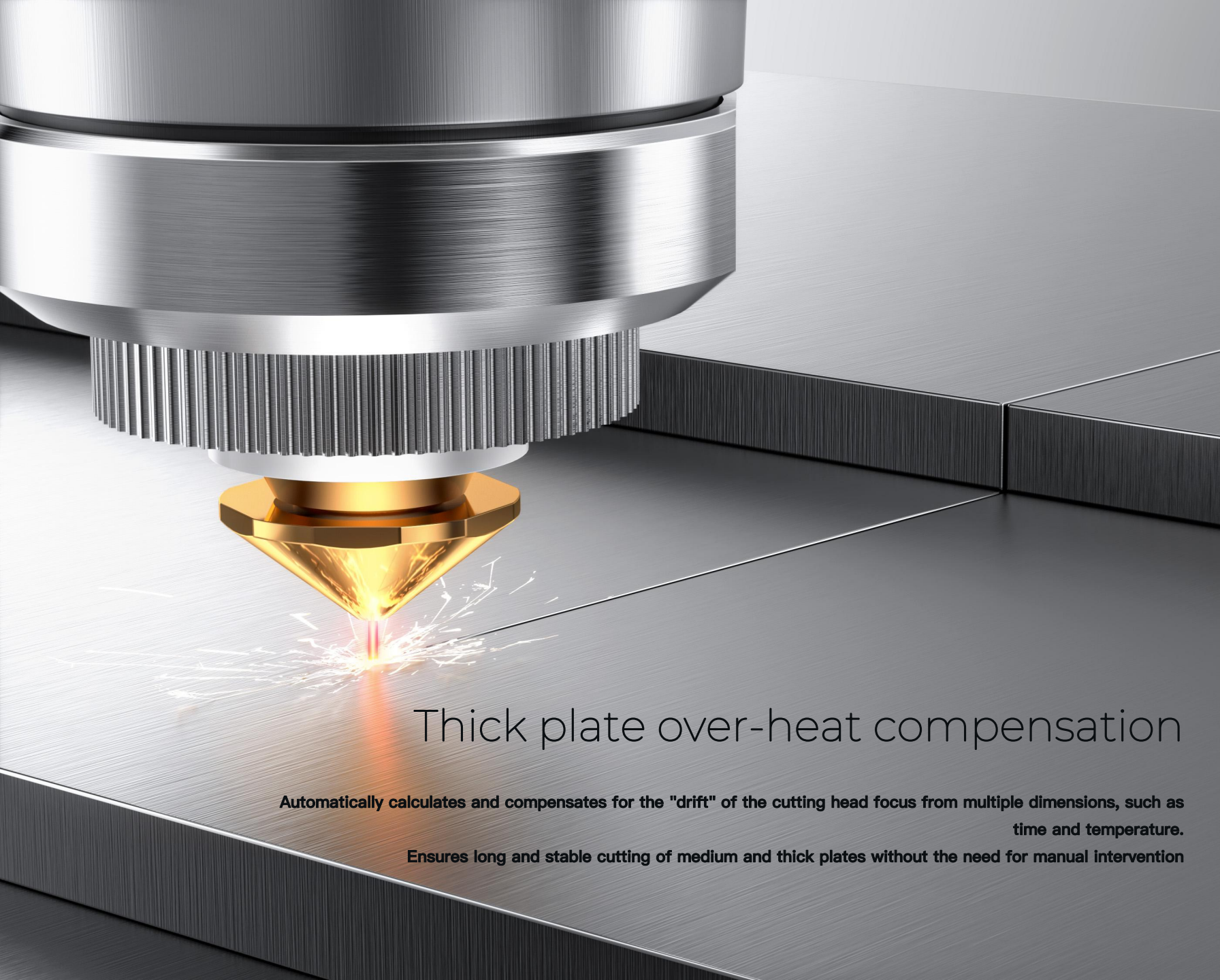
Remaining material typesetting

Based on the self-developed visual recognition algorithm, one-click photo snap on the cell phone to identify the remaining plates.

Convenient for users to recycle and utilize the remaining irregular sheets.

Give higher value to each piece of leftover material.

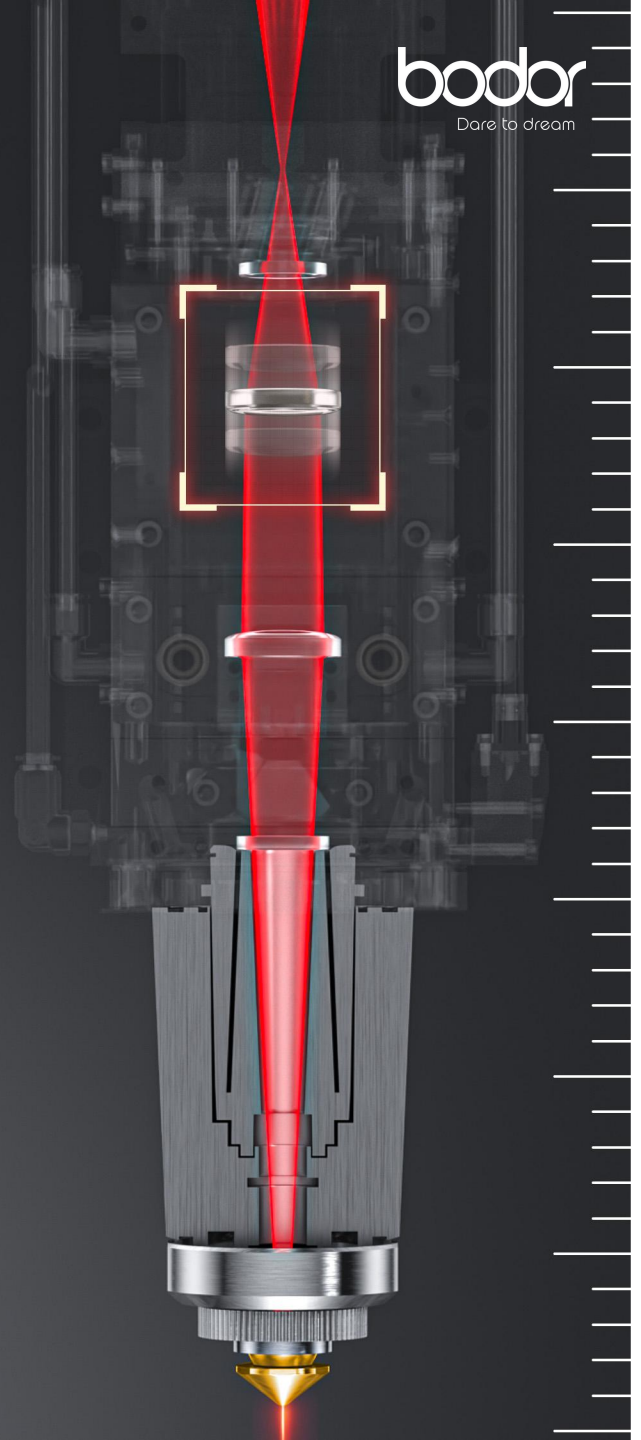




Thick plate over-heat compensation

Automatically calculates and compensates for the "drift" of the cutting head focus from multiple dimensions, such as time and temperature.

Ensures long and stable cutting of medium and thick plates without the need for manual intervention



Intelligent gas pressure controlling

Real-time detection and adjustment of gas pressure through closed-loop control, ensuring consistent cutting to achieving completely stable batch processing results.



Circulating air extraction

Synchronous smoke extraction following the cutting position
Effectively tackle the smoke and dust pollution in the workshop.

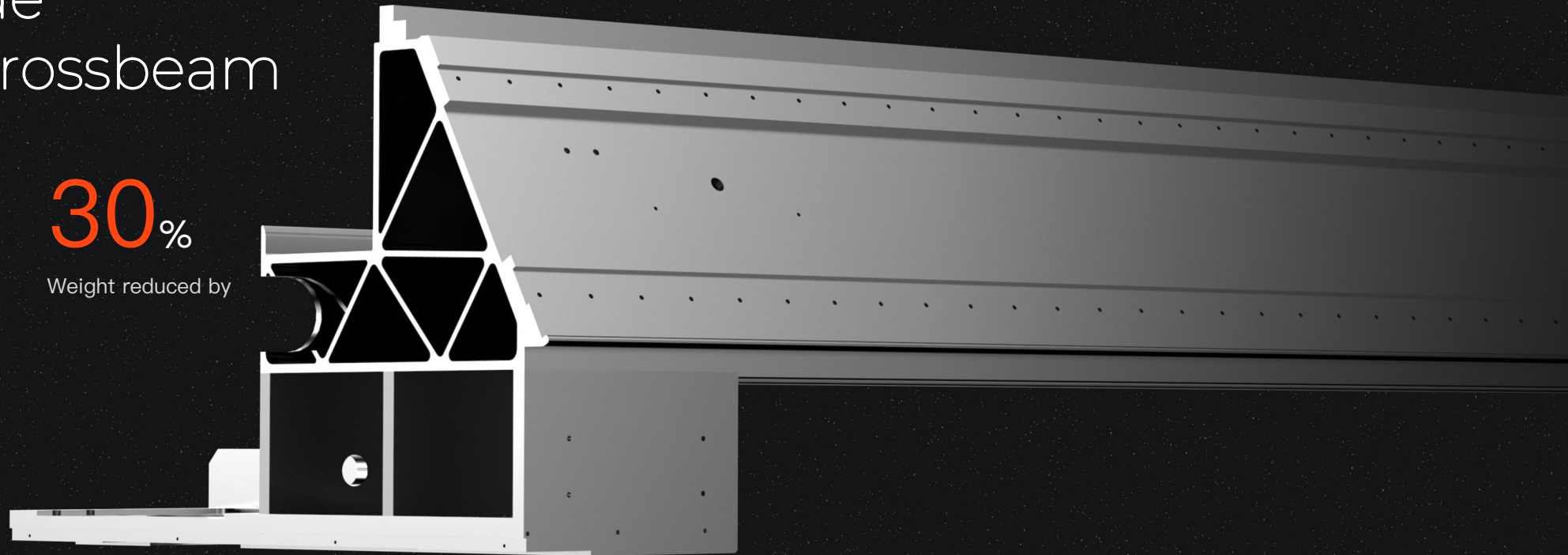
Aircraft-grade aluminum crossbeam

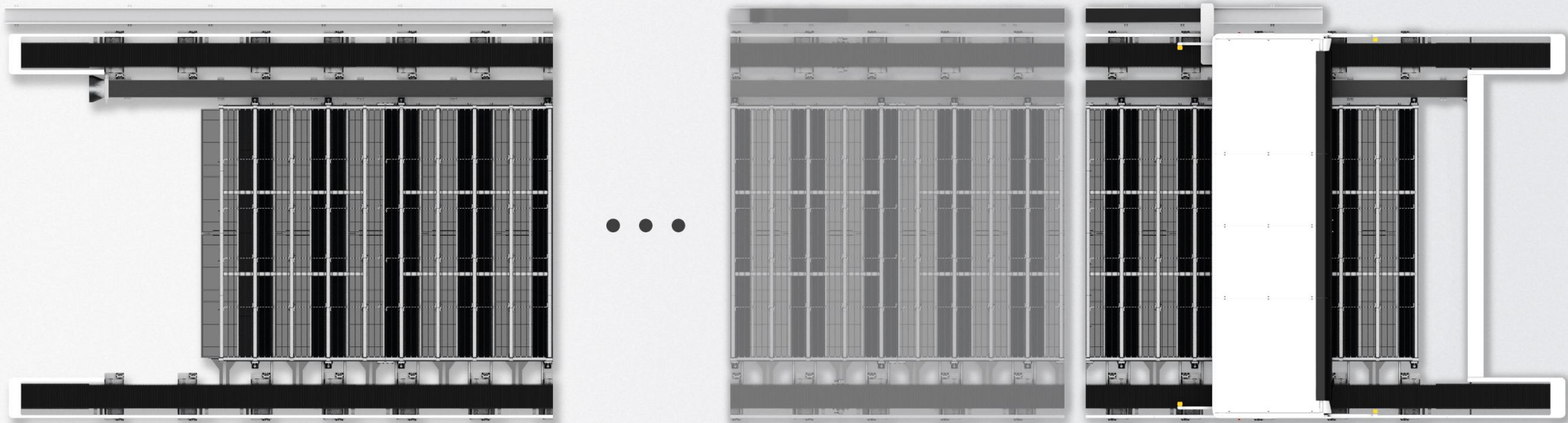
25%

Structural strength enhanced by

30%

Weight reduced by





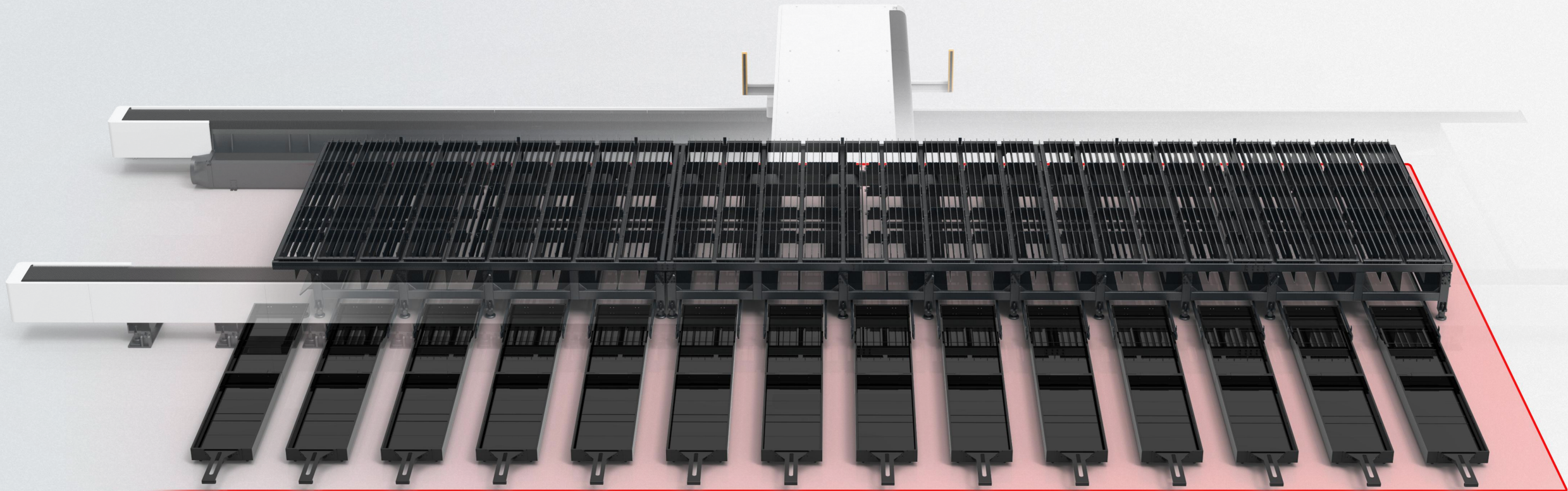
12+4*Nmeters

Modular bed

12 meters + N modular bed, table bed completely separated design, cutting sheet format can be customized

Flexible modular device matching

Free combination of modular table, scrap trolley, air extraction and dust removal.



5-year warranty for Bodor 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!

In the whole process of design, production, testing, and delivery, the integration ensures stable and effective performance of your Bodor equipment. It also minimizes the risk of component contamination and failure, extends the lifespan, and reduces maintenance costs.



(optional)

Bodor laser scanning cutting machine pioneers a new category in the industry

dare to be the first to break the rules
transform and upgrade Chinese industry as a pathfinder.

What is scanning cutting?

Overturns the conventional processing method of laser cutting since its inception, upgrading static spot cutting to dynamic spot cutting, with the spot traveling 30 meters for every 1 meter cut, tremendously improving the efficiency of laser energy absorption by the processed material.

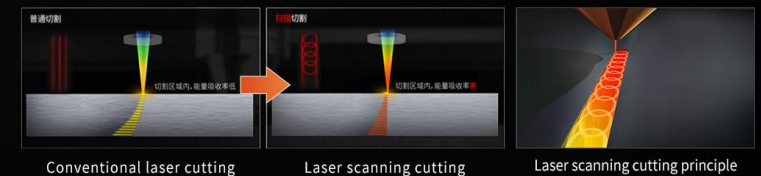
3 innovative features of Scanning cutting

Faster: cutting speed up to 200% increase

Thicker: cutting thickness up to 150% increase

No fear of high reflection: During scanning cutting, the laser beam comes at tilted angle, which significantly reduces back reflection for highly reflective materials batch cutting

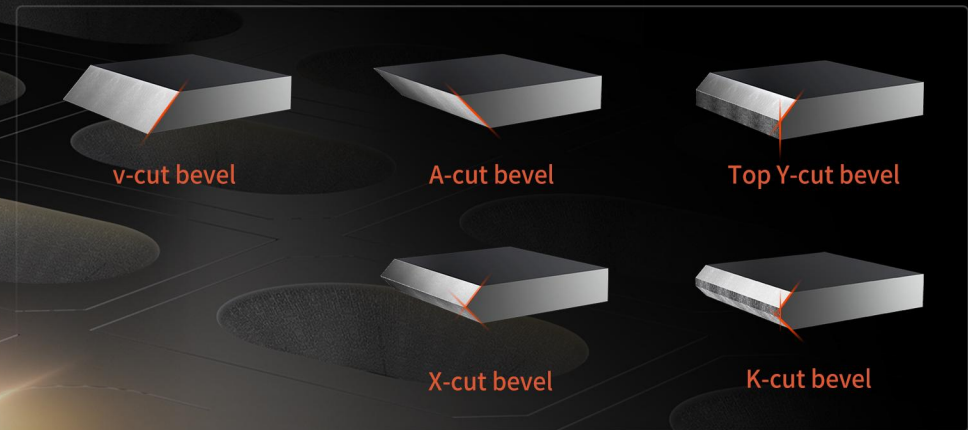
This is another technological breakthrough in the history of human metal cutting tools since the application of laser cutting for decades.



(optional)

Bevel cutting of various shapes

With bevel cutting module, bevel cutting can be completed during feeding, saving processing procedures and reducing cost.



MANGO

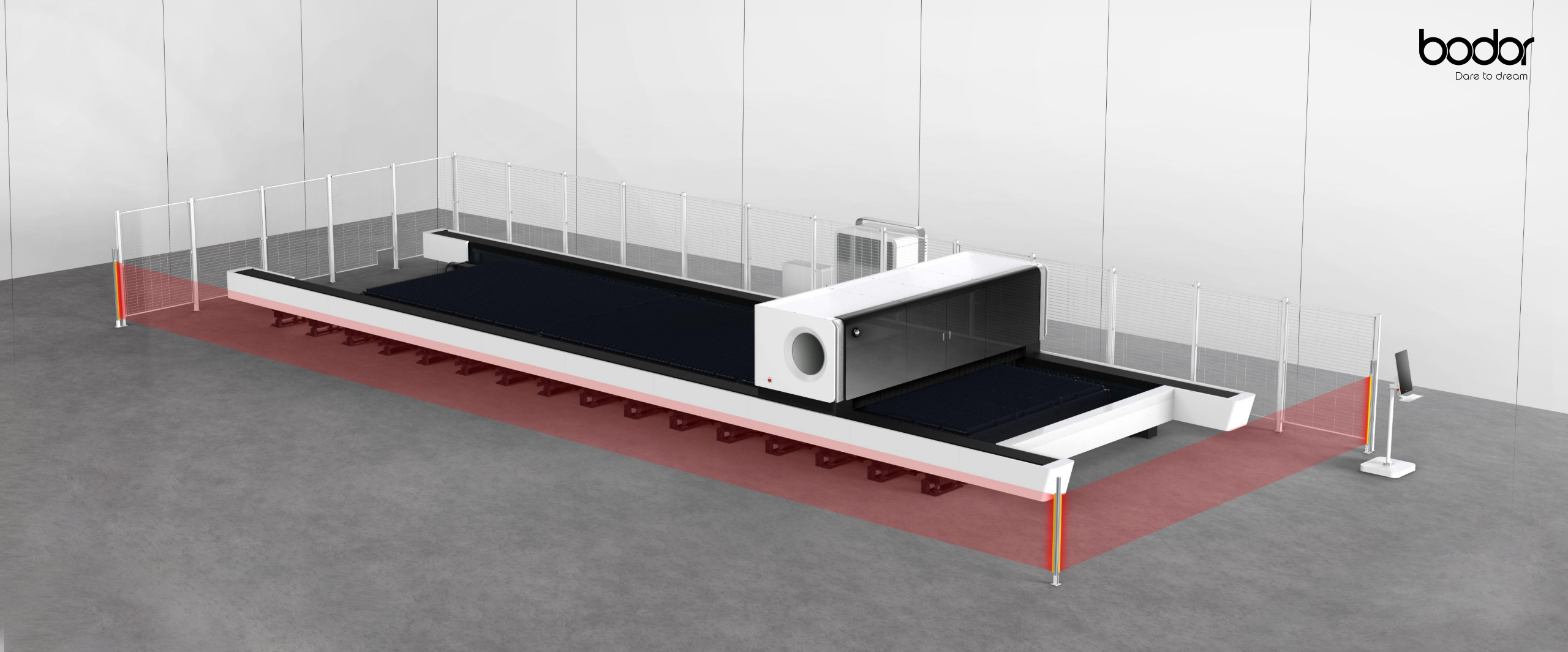
Wireless touch control handle

Supports one-handed operation and comfortable grip

It can be attached to any sheet metal, and detachable at your disposal.

Reset the aesthetic standard in the era of intelligence and IOT.





Versions with CE markings are declared to meet the EU health, safety, and environmental requirements.





H series Function¶meter List

	H3000-24	H3000-20	H3000-16	H3000-12
Working area	24500mm*3200mm	20500mm*3200mm	16500mm*3200mm	12500mm*3200mm
Max. linkage speed	80m/min	80m/min	80m/min	80m/min
Table load bearing	34000kg	28000kg	23000kg	17000kg
Positioning accuracy	± 0.05mm/m	± 0.05mm/m	± 0.05mm/m	± 0.05mm/m
Repositioning accuracy	± 0.03mm	± 0.03mm	± 0.03mm	± 0.03mm
Air pressure intelligent control	12KW and above	12KW and above	12KW and above	12KW and above
High quality Cutting Expert Database	●	●	●	●
Remnant Typesetting	●	●	●	●
Active anti-collision function	●	●	●	●
Gantry structure	Triangular type ultra-high pressure honeycomb aluminum gantry			



Up to European standards More than large

bodor

Dare to dream