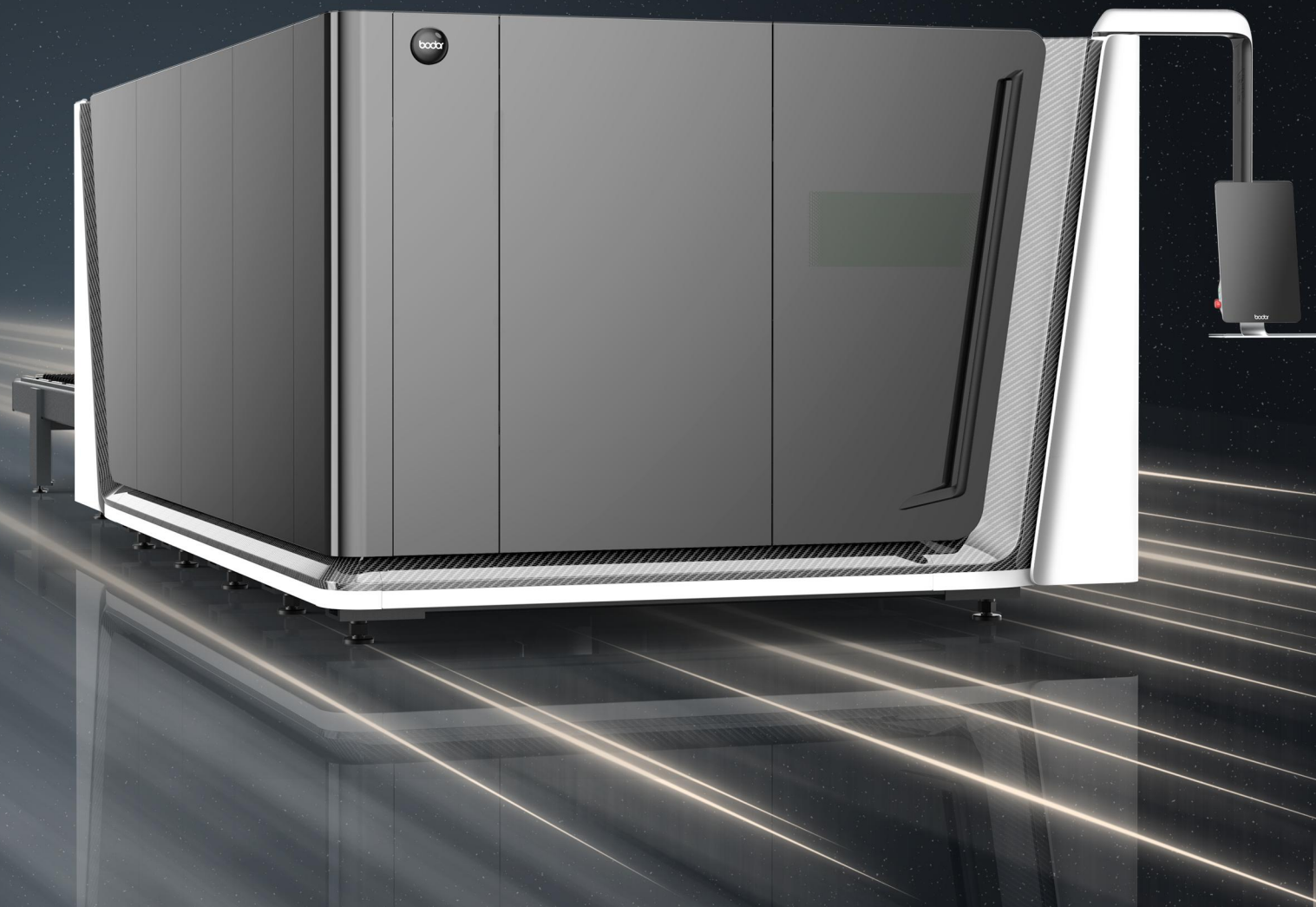


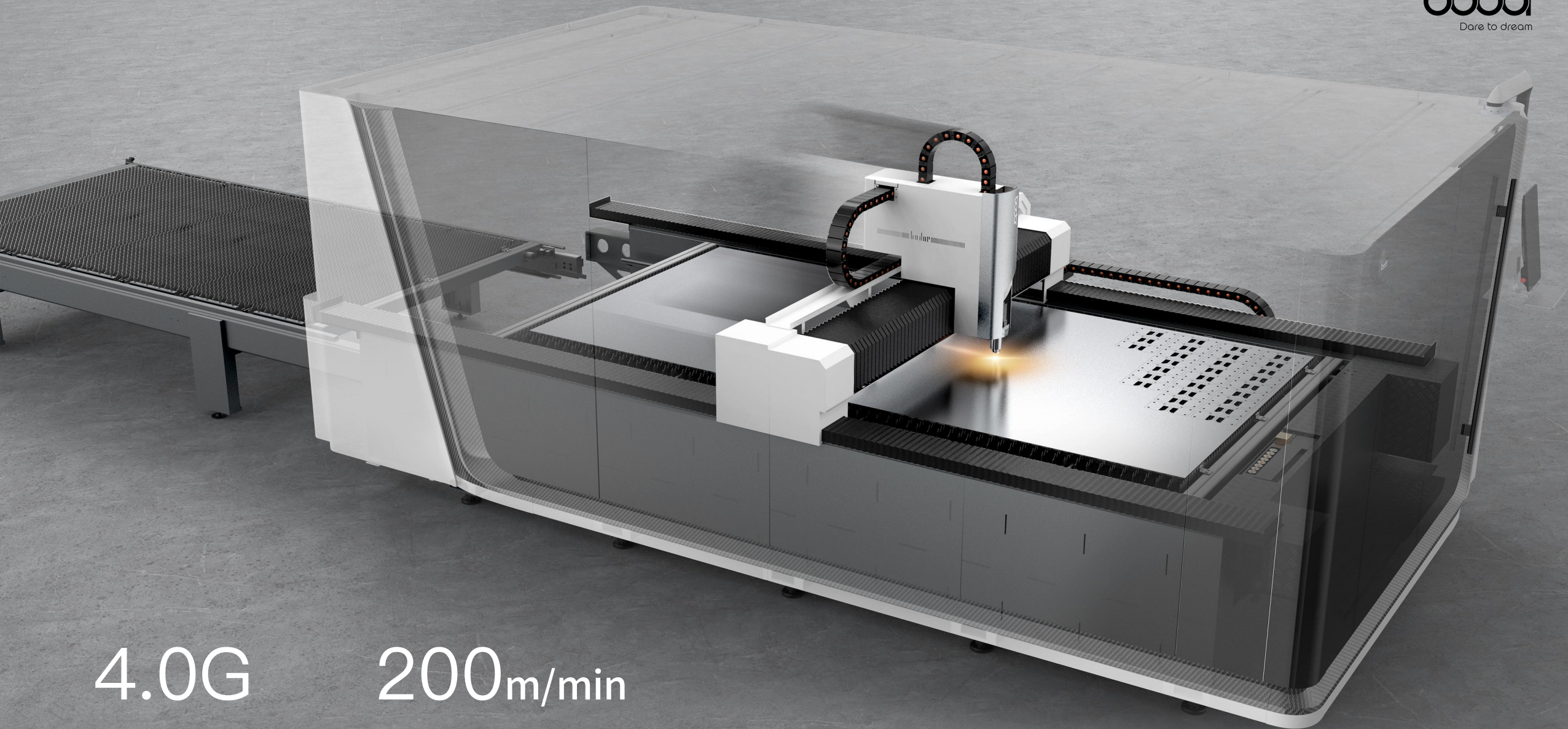
P series

Sheet fiber laser cutting machine
High performance model



Ultimate high speed and
intelligent operation





4.0G

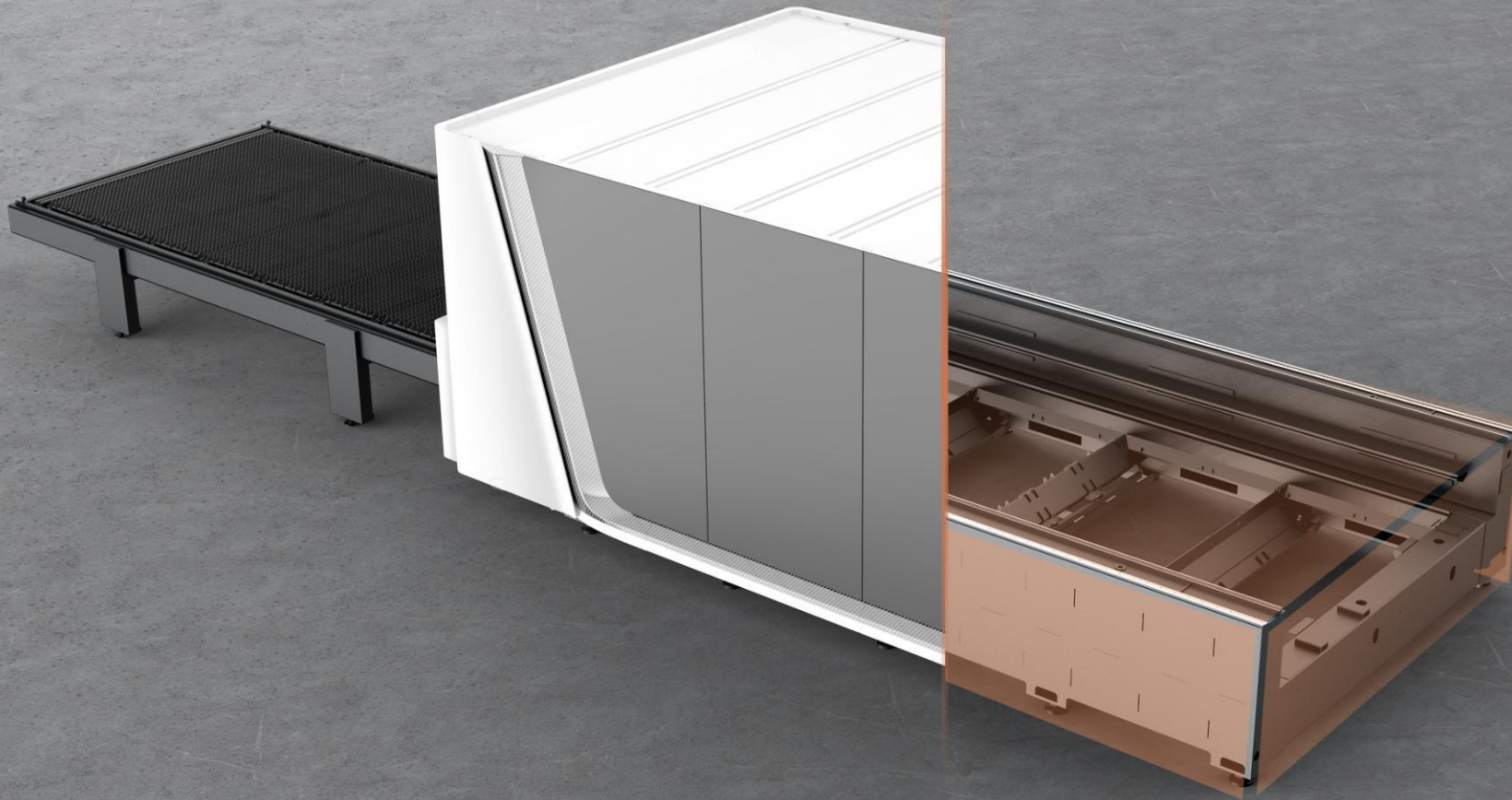
Maximum acceleration

200m/min

Maximum drive speed

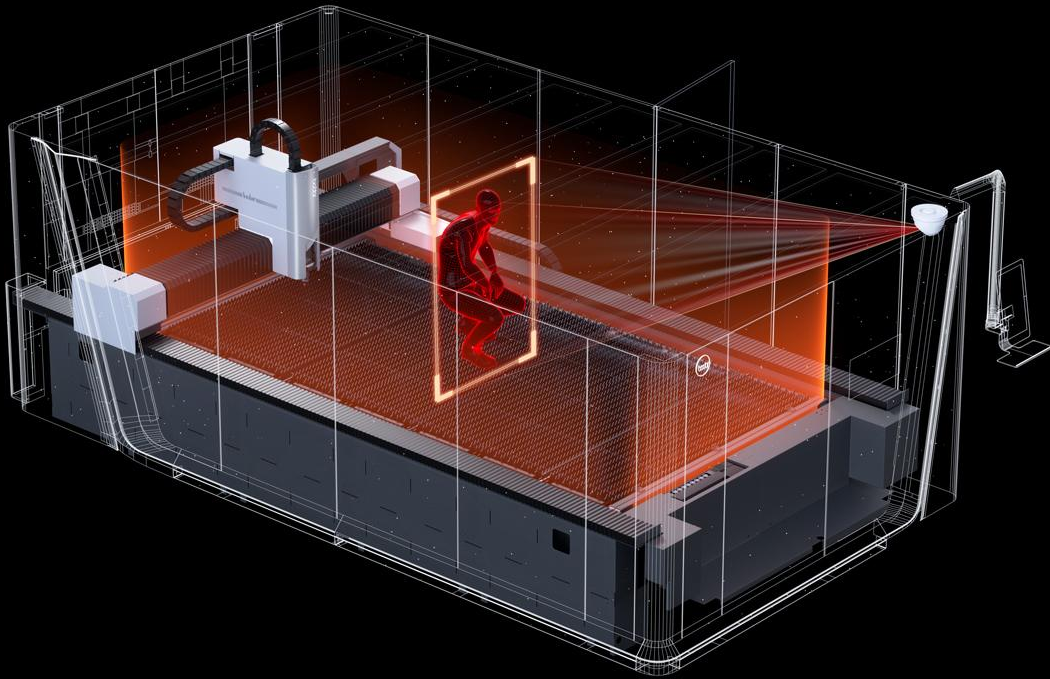
The latest 2nd generation mortise and tenon welded bed

Newly upgraded second-generation mortise and tenon welded bed, the optimal stress point and support structure are achieved by finite element analysis. The deformation during loading is significantly reduced, compared with the first-generation mortise and tenon welded bed, ensuring long-term stable machine operation.

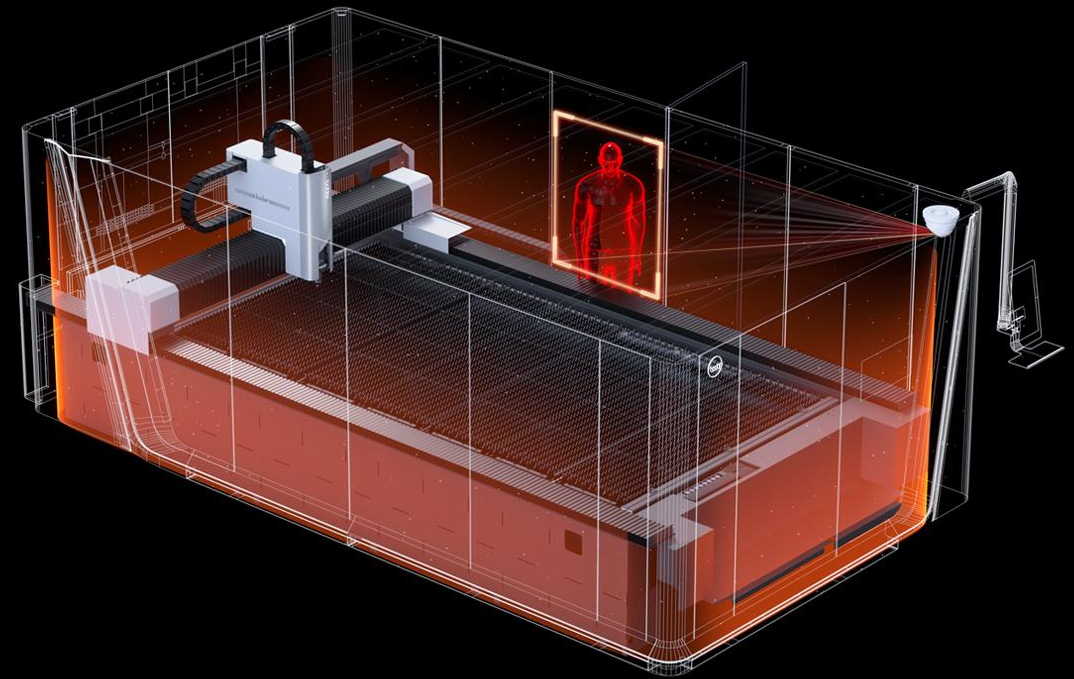


Available for all P-Series models

Equipment immediately stops running when camera detects the presence of people on the table;



Equipment immediately stops running when the camera detects people entering through the side door.



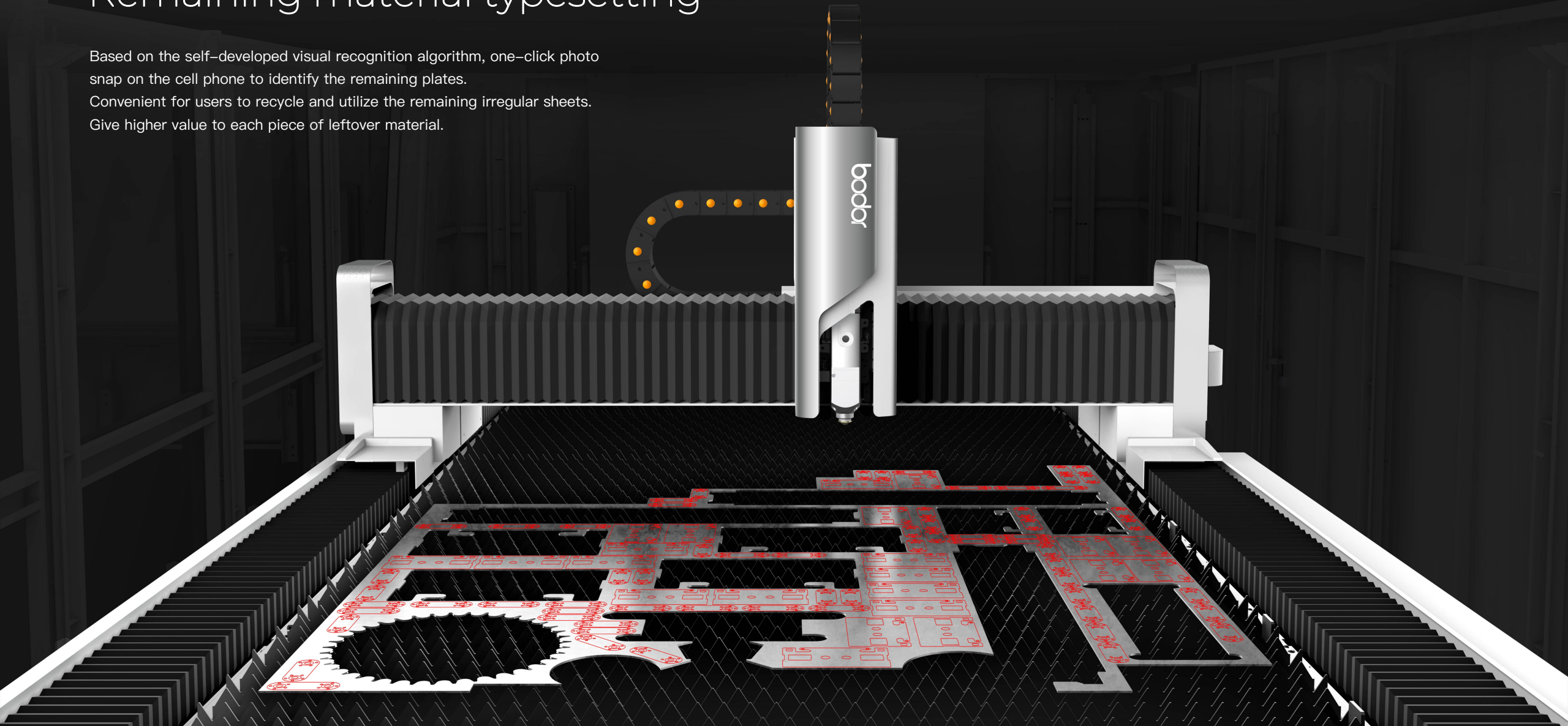
Visual anti-collision function ensures safe operation of the equipment and worry-free production.

Remaining material typesetting

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

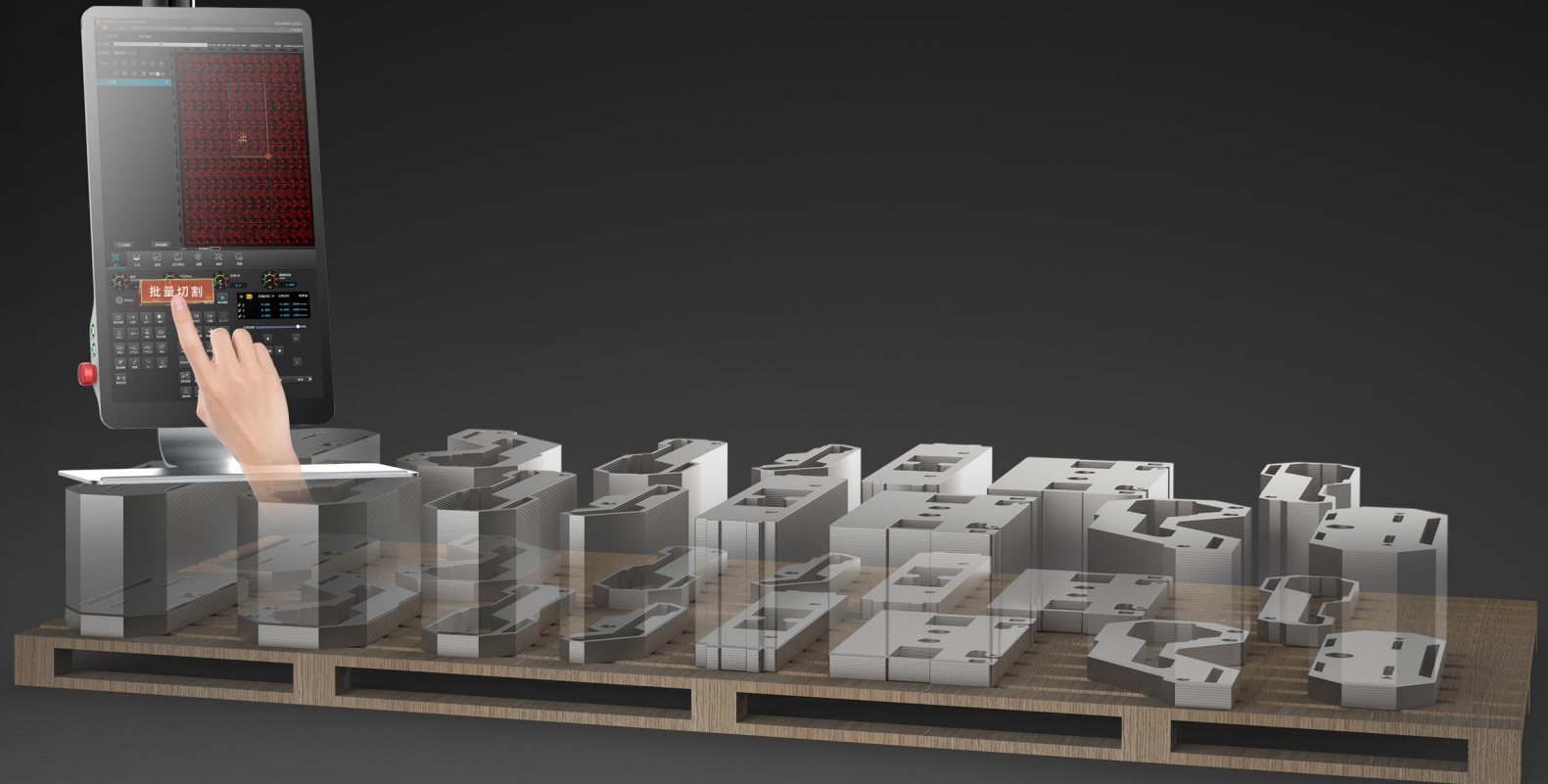
Convenient for users to recycle and utilize the remaining irregular sheets.

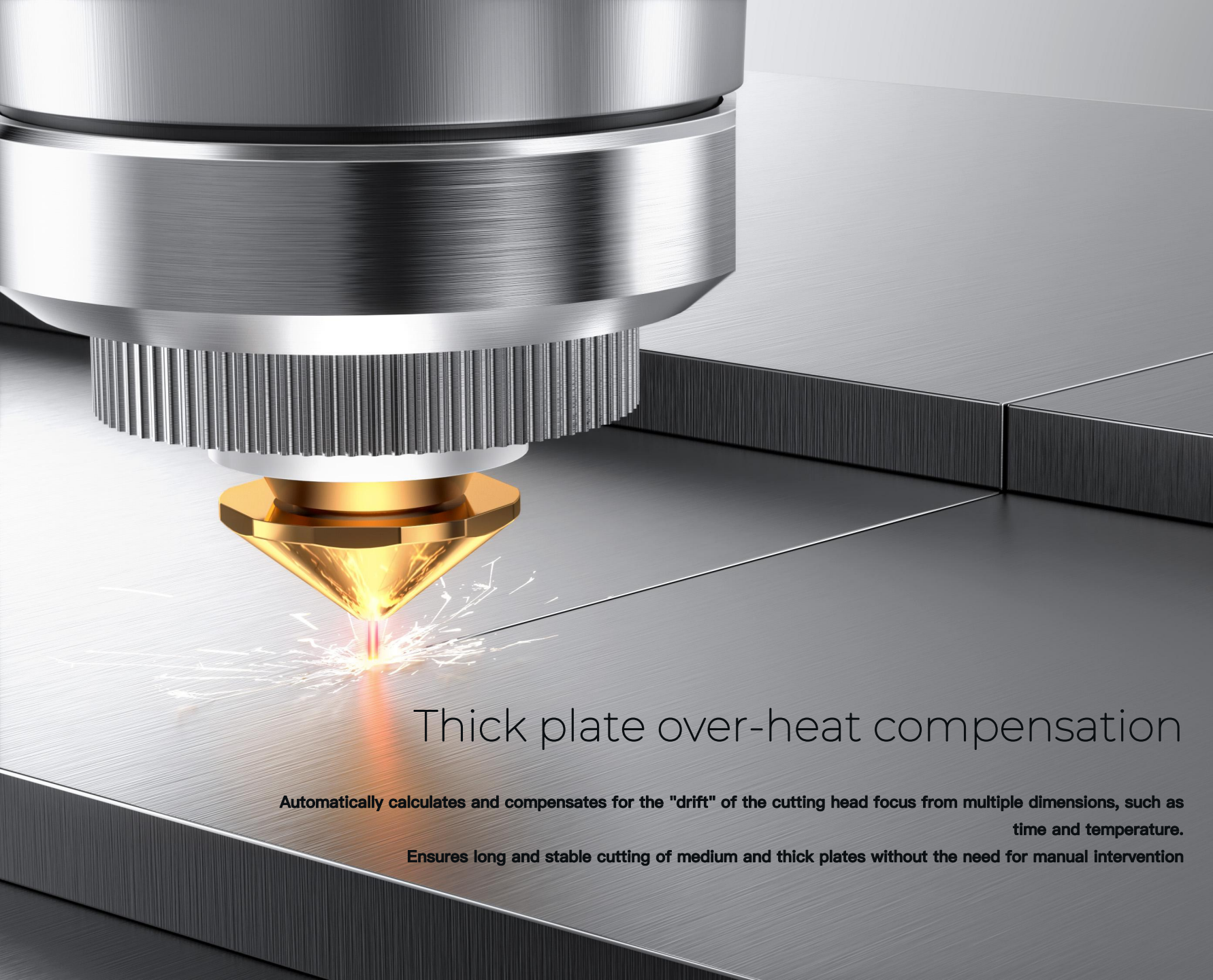
Give higher value to each piece of leftover material.



One click processing

One click to set up and start the processing task, to complete automatic exchange, automatic edge seeking and automatic cutting, effectively reducing repeated manual labor during batch cutting and improving the machine processing efficiency.

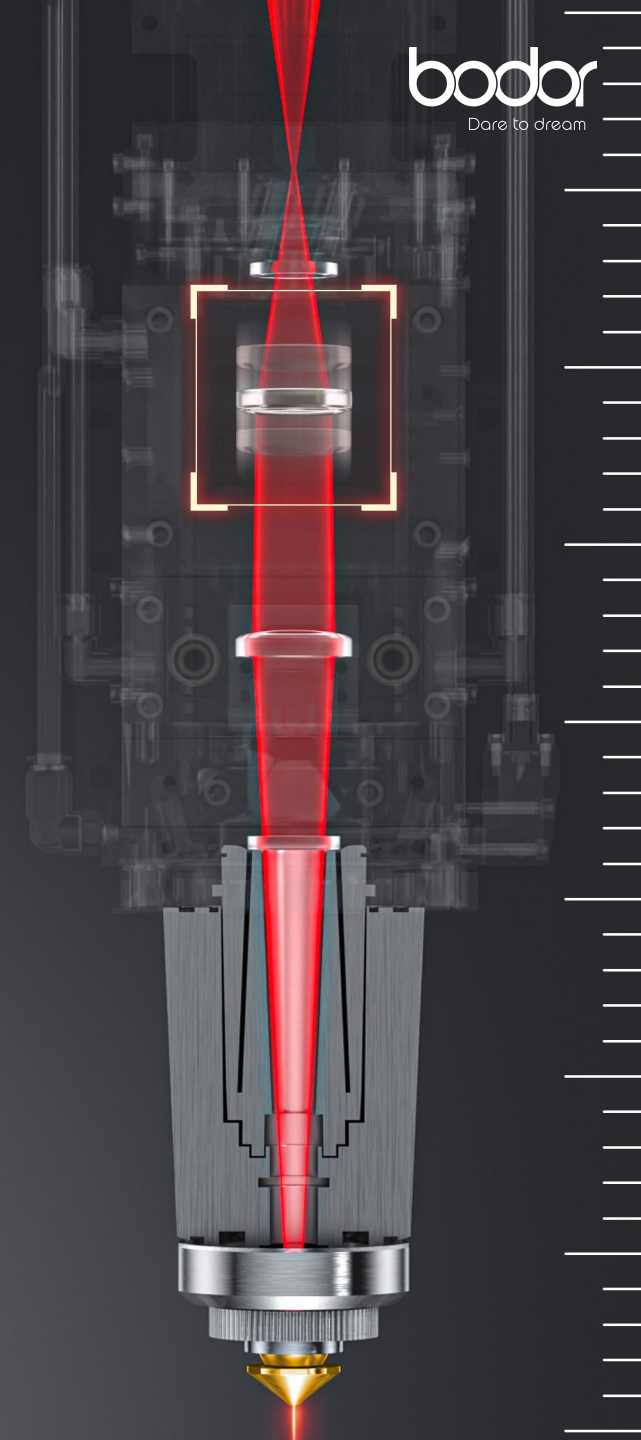




Thick plate over-heat compensation

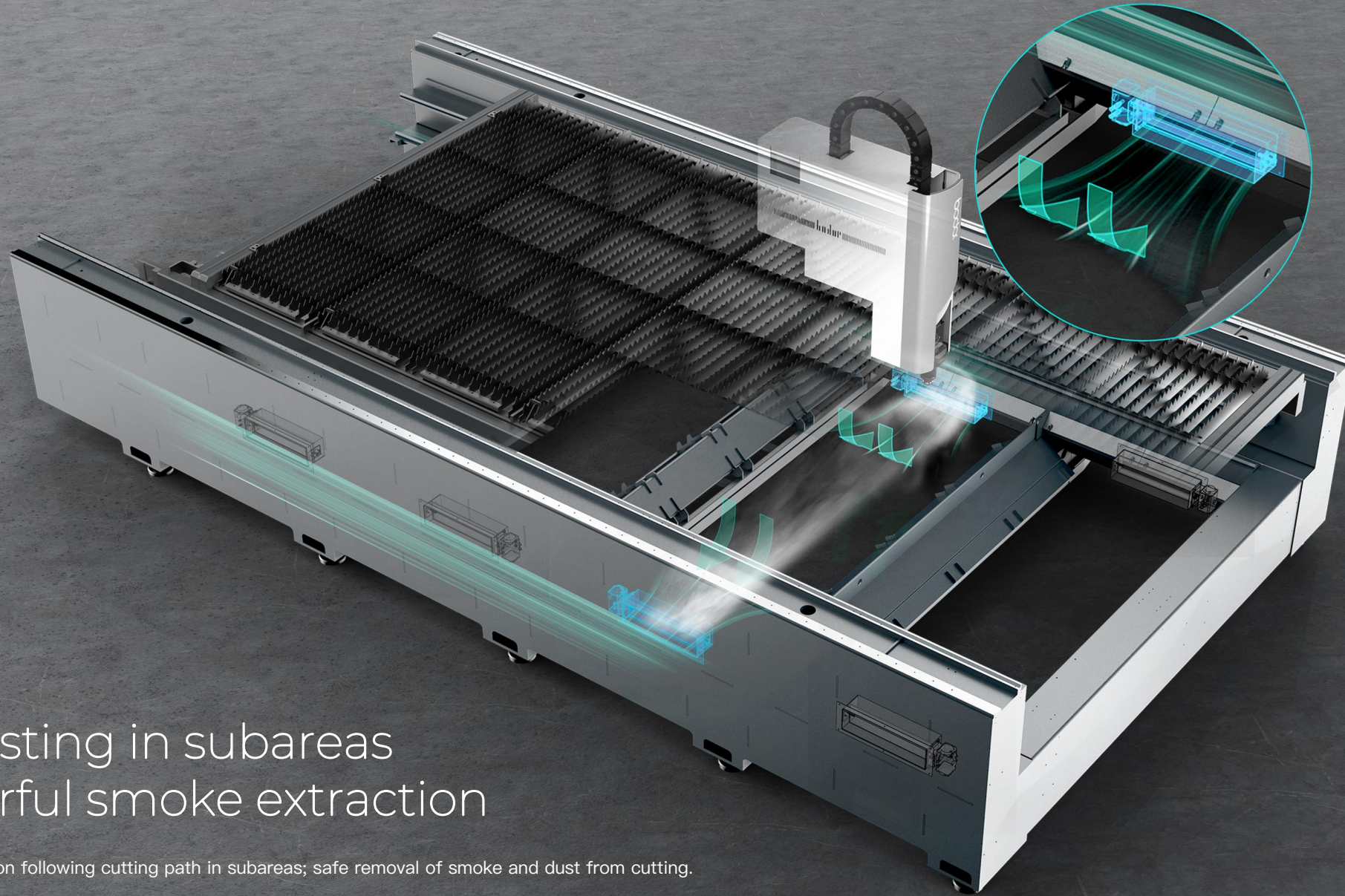
Automatically calculates and compensates for the "drift" of the cutting head focus from multiple dimensions, such as time and temperature.

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.



Dedusting in subareas powerful smoke extraction

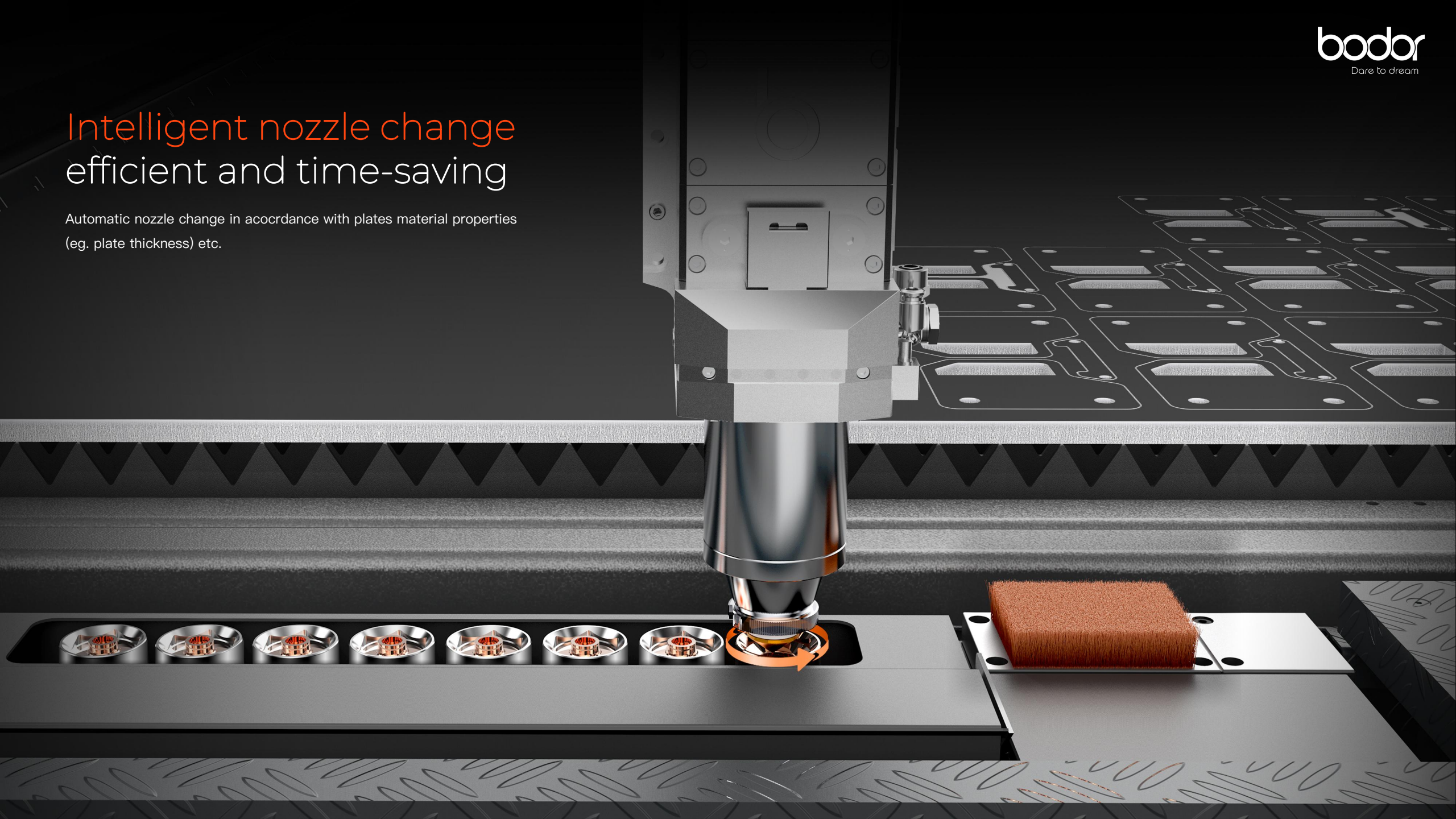
Smoke extraction following cutting path in subareas; safe removal of smoke and dust from cutting.

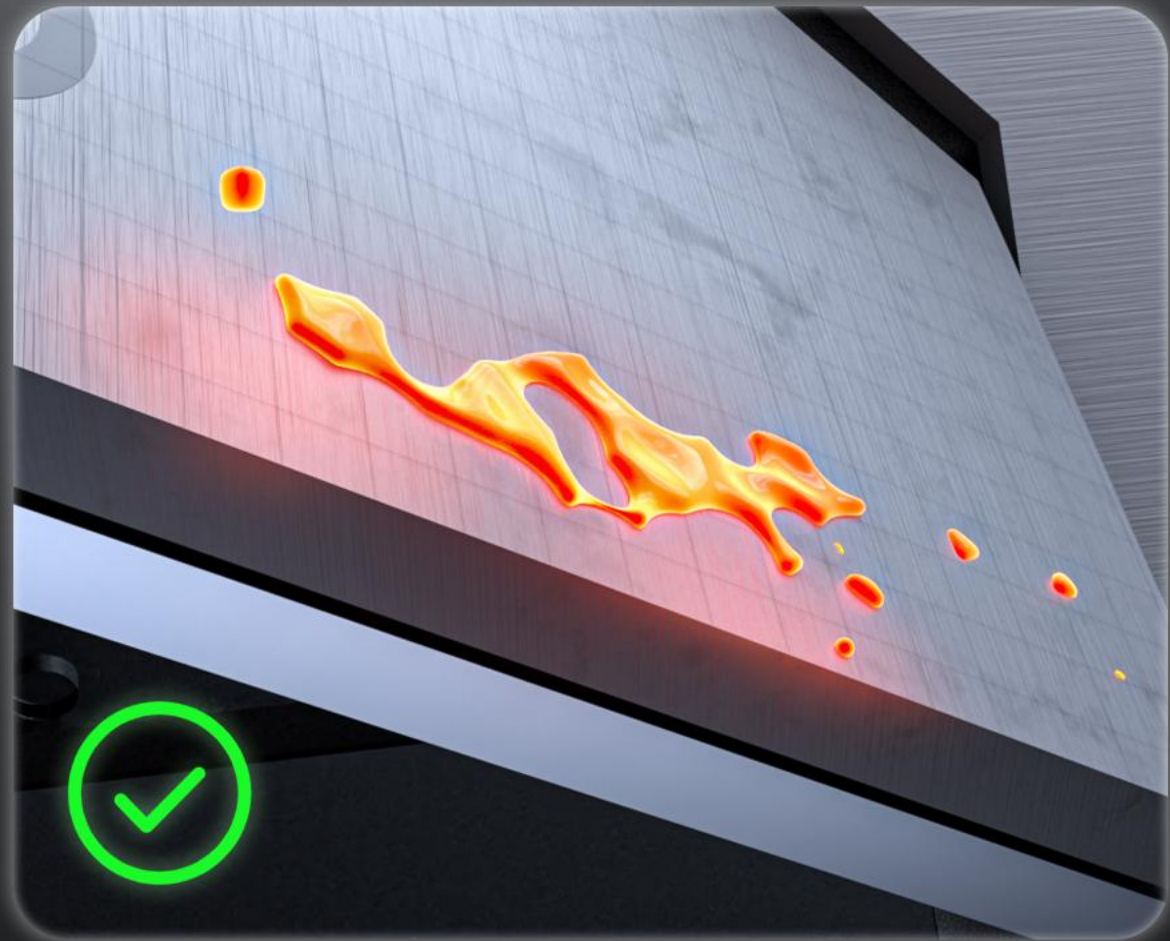
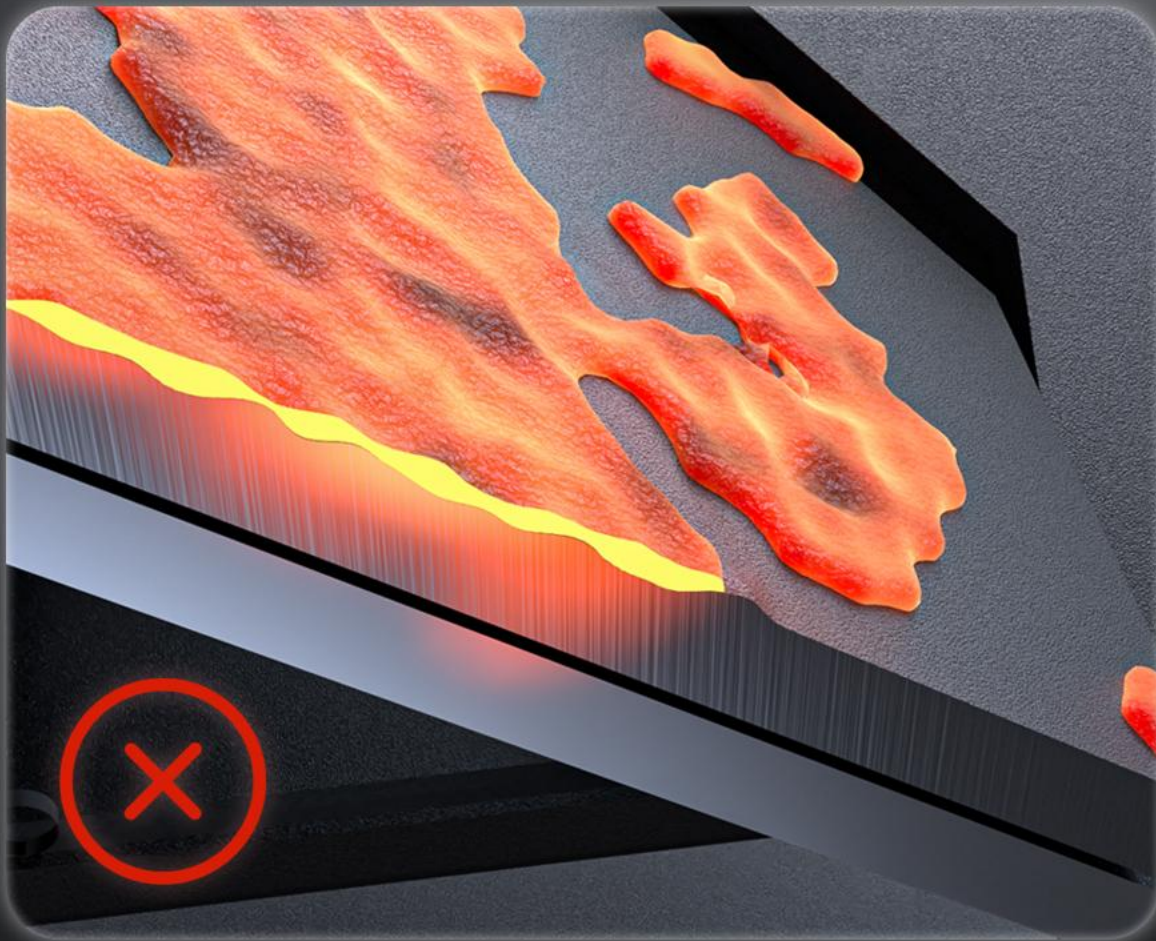
Laser head **active obstacle avoidance**

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

Intelligent nozzle change efficient and time-saving

Automatic nozzle change in accordance with plates material properties
(eg. plate thickness) etc.

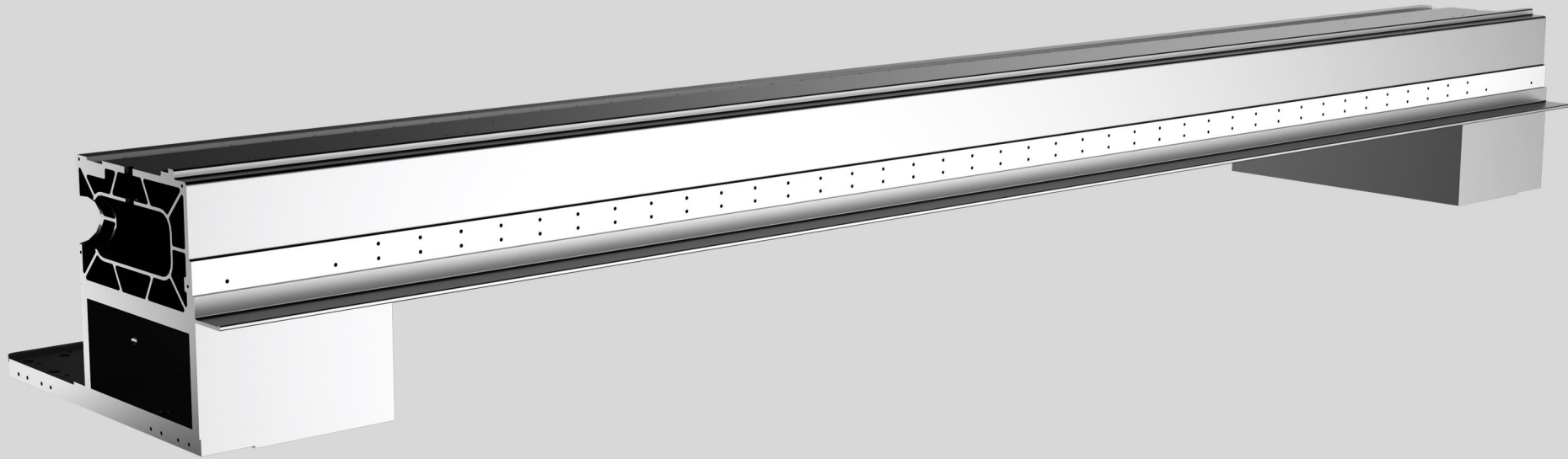




Mineral casting anti-burning plate

Easy slag clean-up, long service life: compared with anti-burning cast iron and anti-burning steel plate, it is less prone to deformation, flexible in size, and can perfectly protect the whole body of the machine.

Aircraft-grade aluminum crossbeam



25%

Structural strength enhanced by

30%

Weight reduced by

(compared with the last generation)



Modular table

Pioneering innovation of module structured table, reducing maintenance costs.

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.

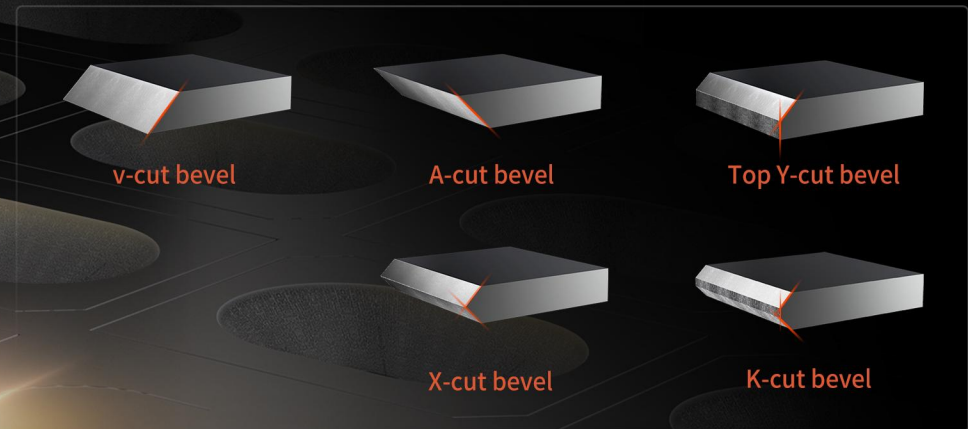
Reset the aesthetic standard in the era of intelligence and IOT.



(optional)

Bevel cutting of various shapes

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



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.

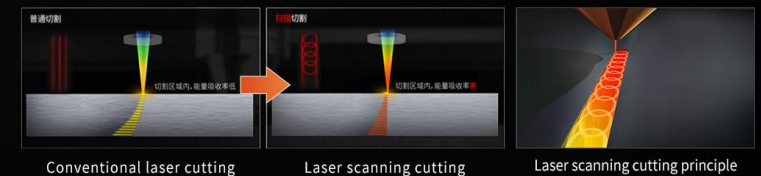
3 innovative features of Scanning cutting

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.

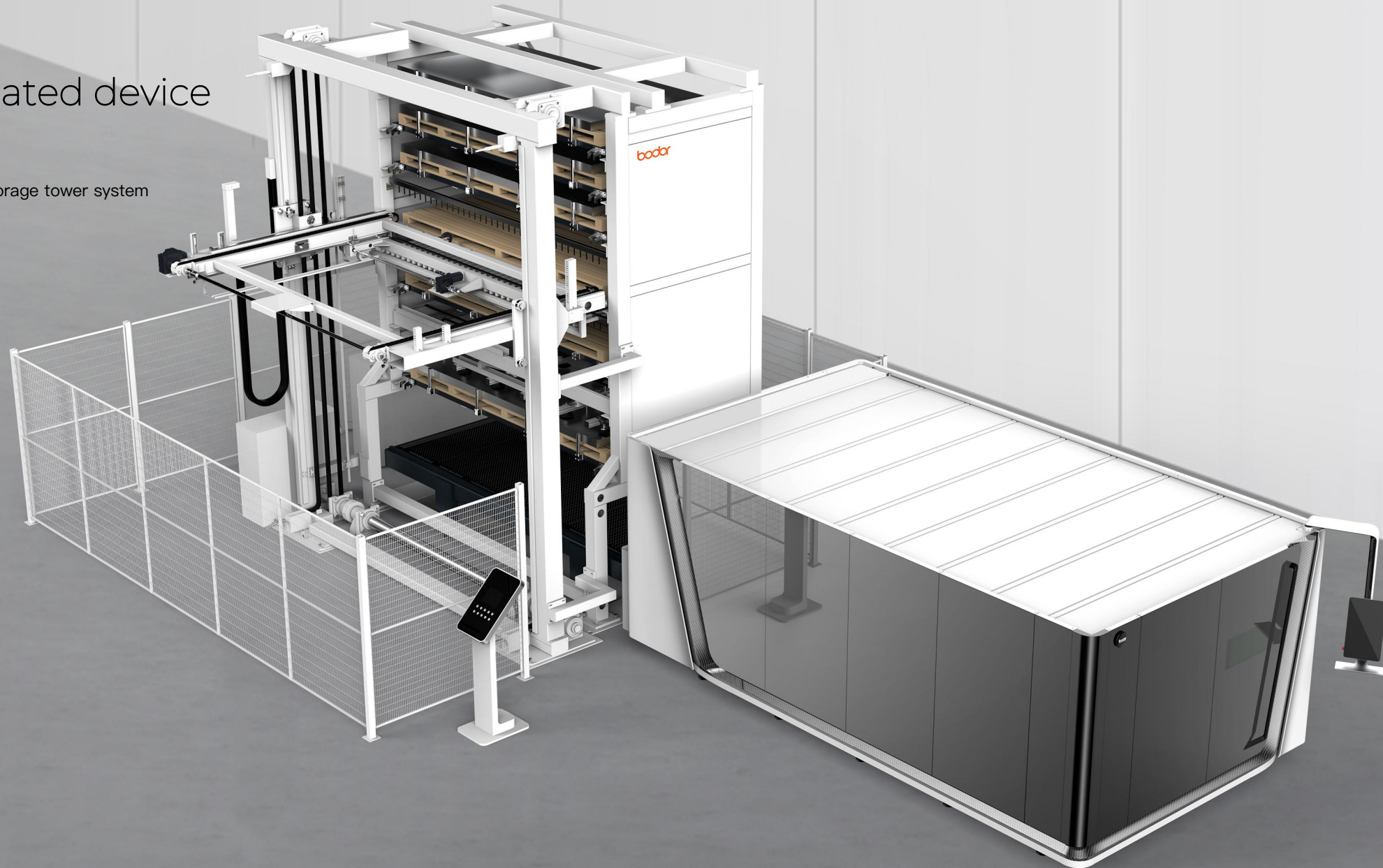


(optional)

Automated device

iTower

Single module storage tower system



(optional)

Automated device

iTrans

Automated loading and unloading system



(optional)

Automated device

iTransTower

Storage tower system

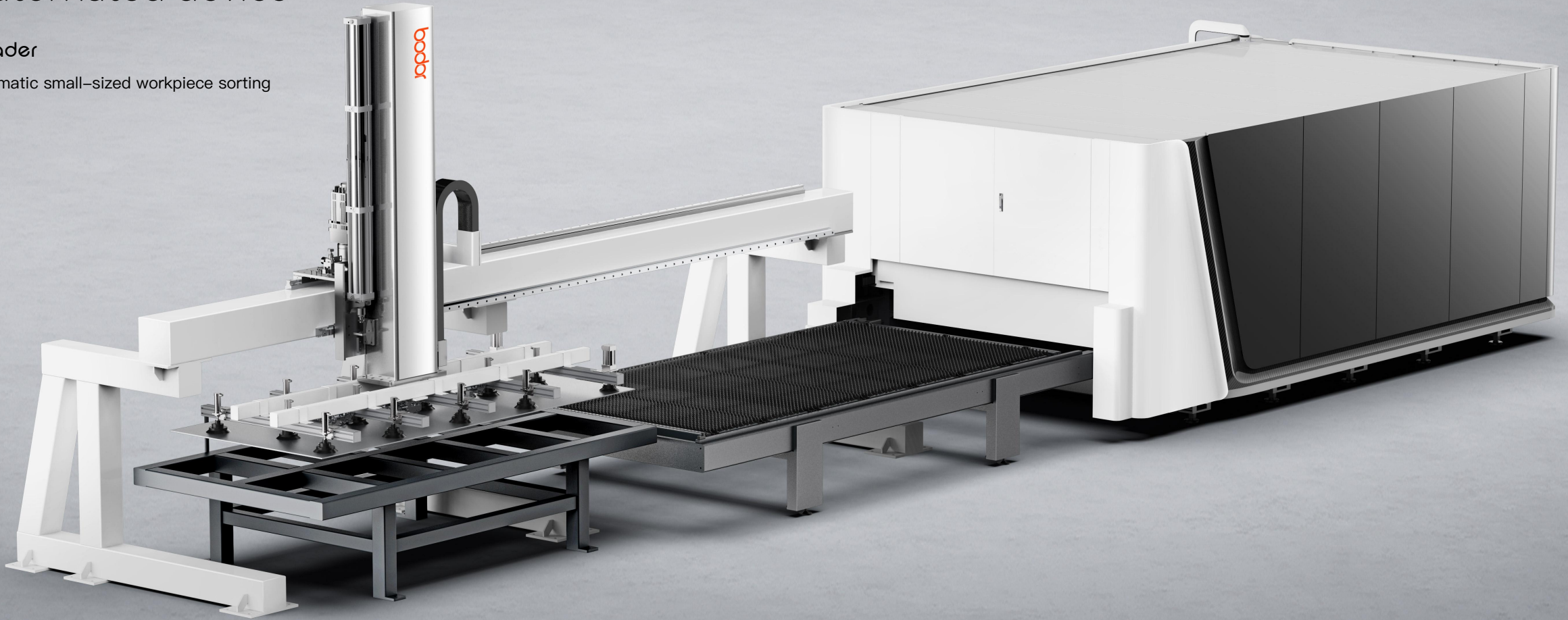


(optional)

Automated device

iLoader

Automatic small-sized workpiece sorting



(optional)

Automated device

iLoader eco



P3

3048mm*1524mm



P4

4000mm*2000mm



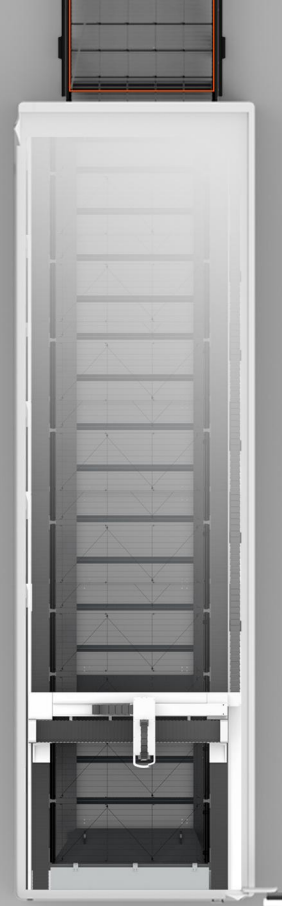
P6

6500mm*2500mm



P12

12500mm*2600mm



A wide range of machinable sheets format for your selection



P series Function¶meter List

	P 3	P 4	P 6	P 12
Working area	3048mm × 1524mm	4000mm × 2000mm	6500mm × 2500mm	12500mm × 2600mm
Max. linkage speed	200m/min	200m/min	200m/min	200m/min
Max. acceleration	4.0 G	4.0 G	2.8 G	2.8 G
One-click processing	●	●	●	●
Remnant Typesetting	●	●	●	●
SpaceEye	●	●	●	●
Visual collision detection	●	●	●	●
Automatic nozzle changer	●	●	●	●
Air pressure intelligent control	12KW and above	12KW and above	12KW and above	12KW and above
Automatic adjustment of cutting gas pressure	●	●	●	●



Ultimate high speed and intelligent operation

bodor

Dare to dream