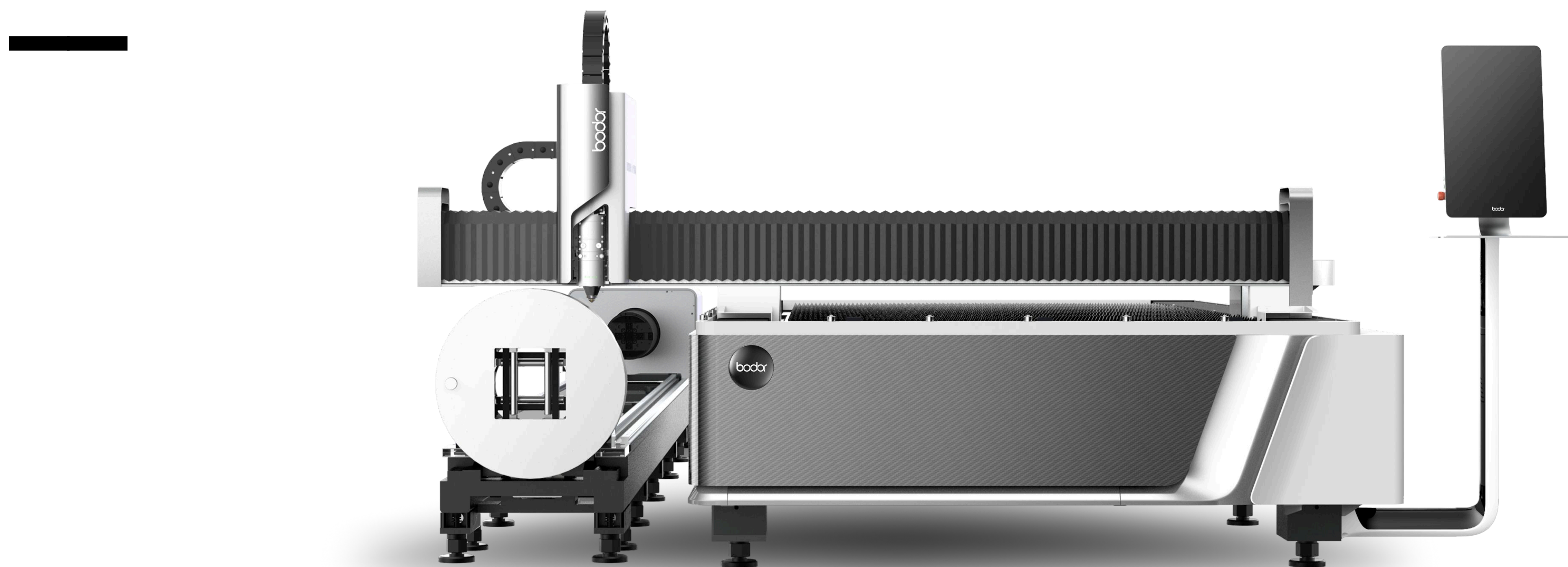


Bodur AT Series

Classic Model | Sheet&Tube Laser Cutting Machine



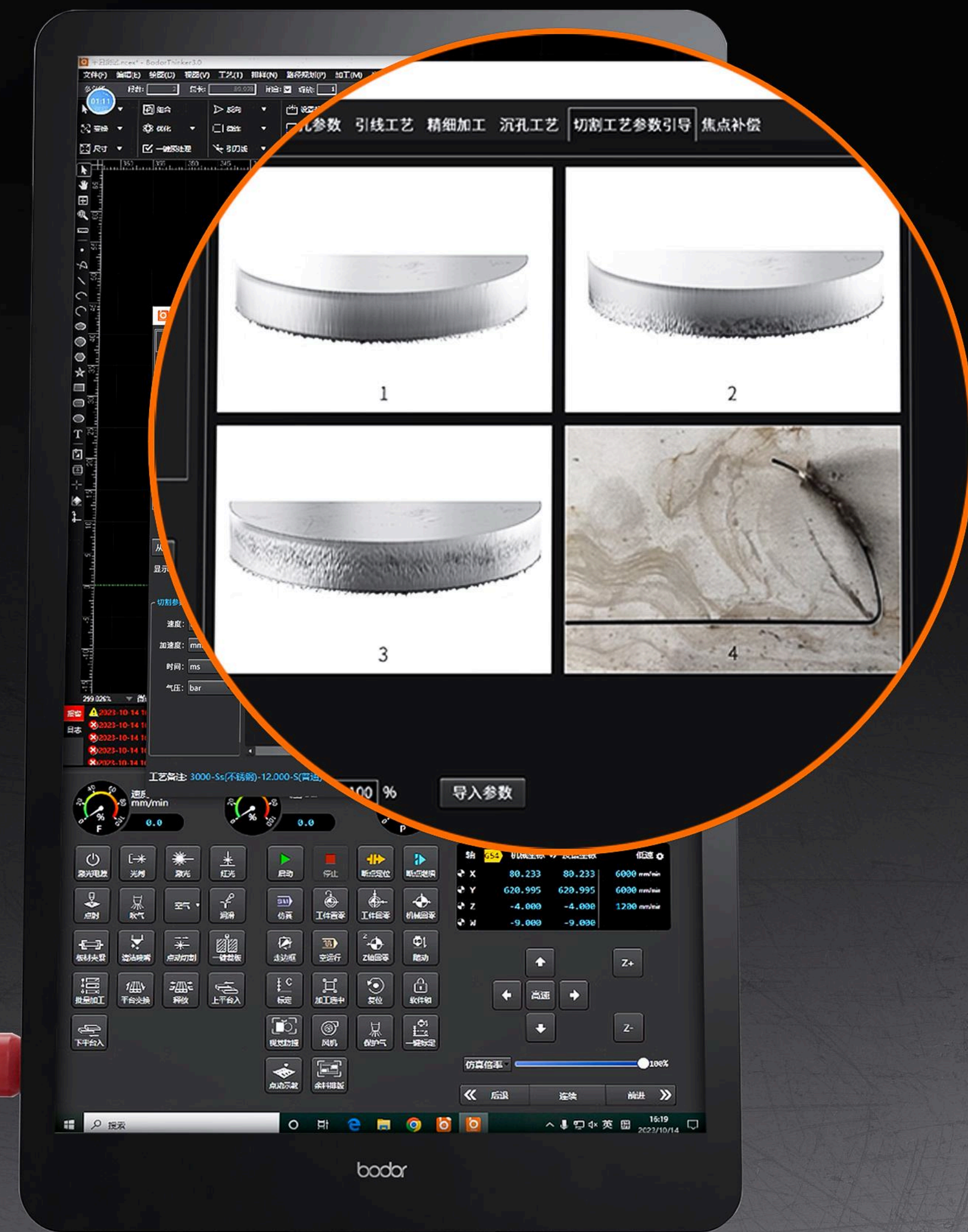
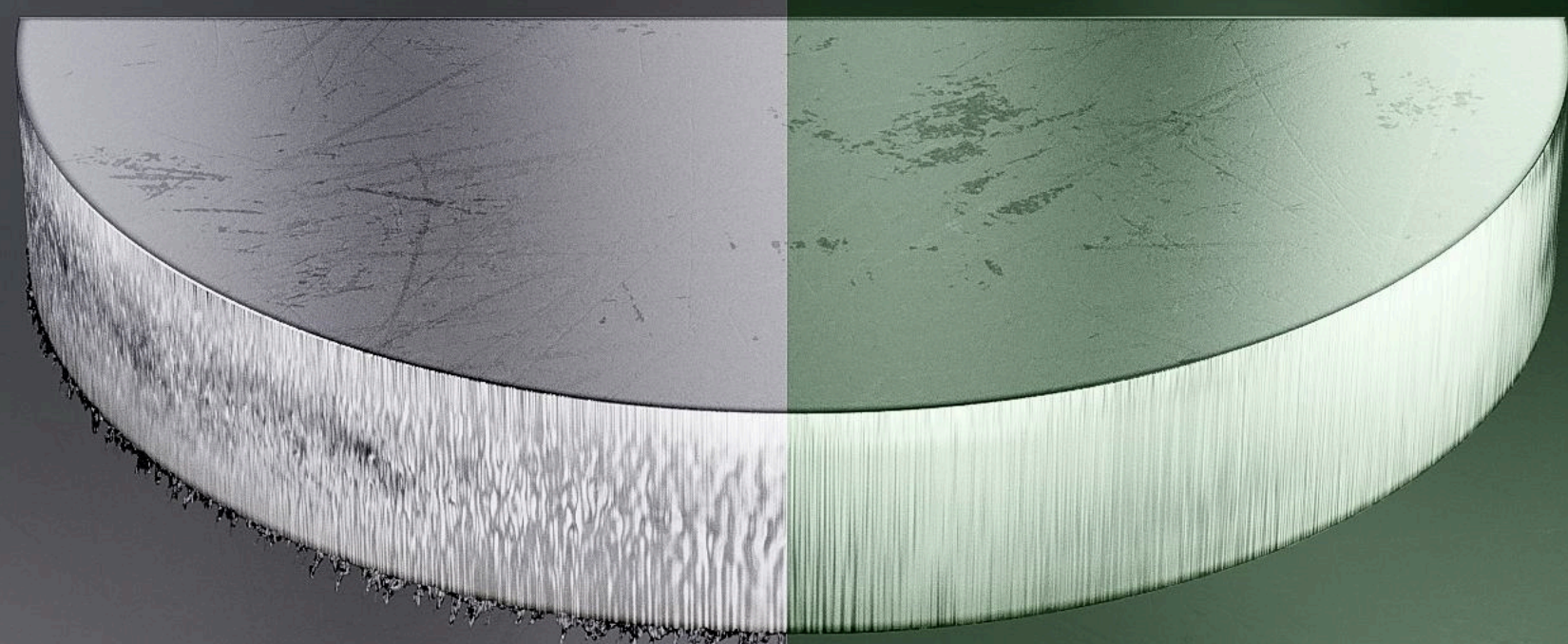
One Machine, Dual-use

Instant Access, Immediate Results



Cutting Parameter AutoMatch

Through visual comparison of sample parts and cutting parameter automatch to enhance cutting quality, and reduce labor costs.



Comprehensive performance

improved by **30 %**

relative to the last generation.

Maximum acceleration up to **1.5G**

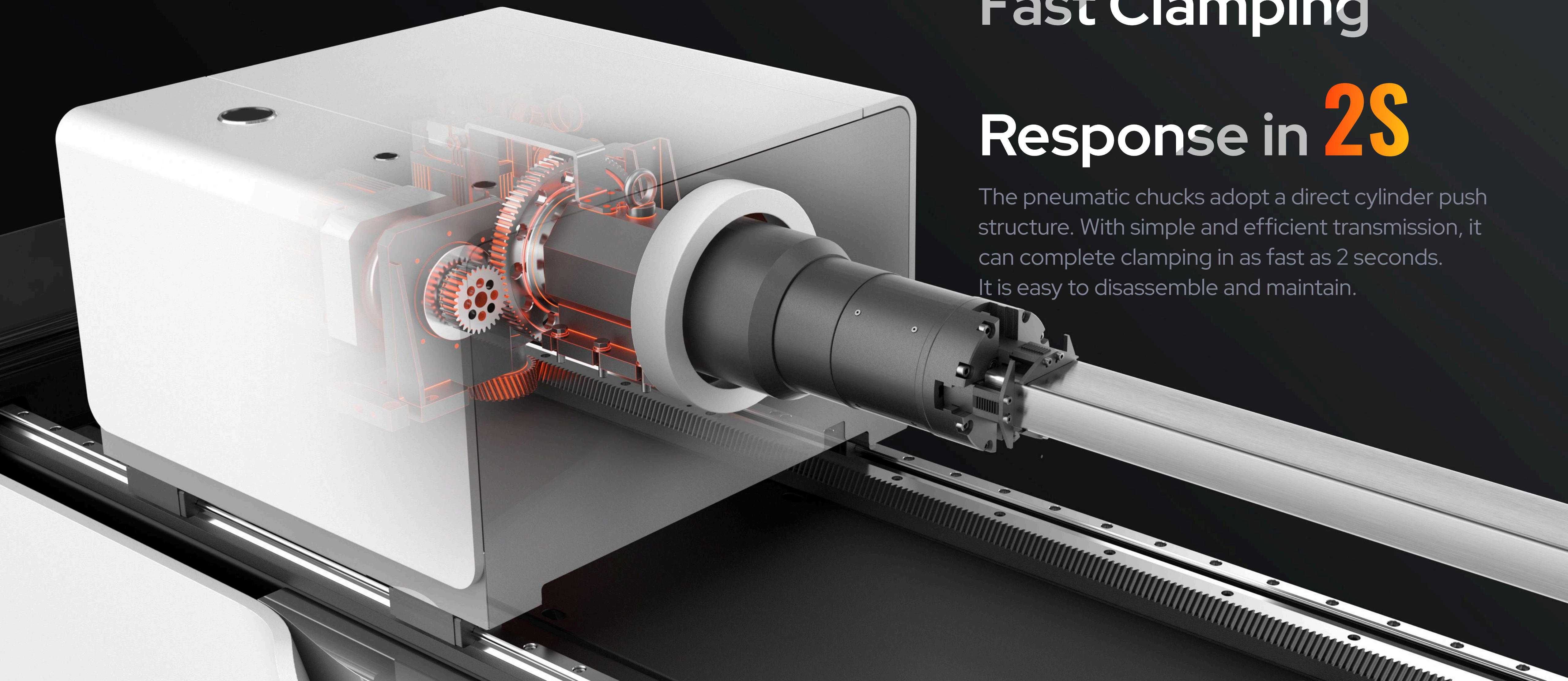
It adopts high-performance bus servo motors to achieve the absolute leading dynamic performance (compared with similar products in the market).

Significantly improving processing efficiency to ensure that every second you invest is creating value.

Pneumatic Chucks Fast Clamping

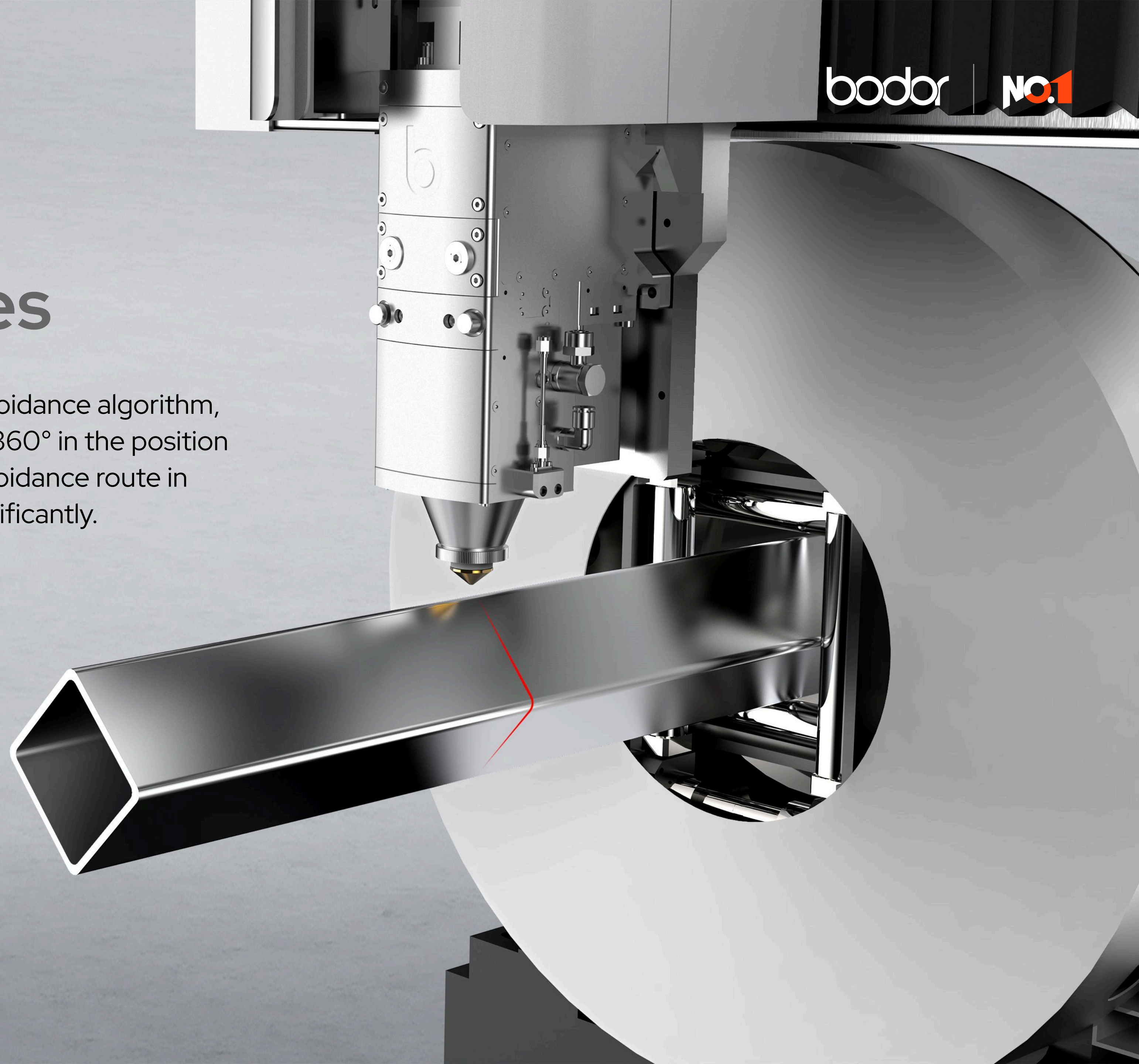
Response in **2S**

The pneumatic chucks adopt a direct cylinder push structure. With simple and efficient transmission, it can complete clamping in as fast as 2 seconds. It is easy to disassemble and maintain.



Over Edge Protection for Tubes

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

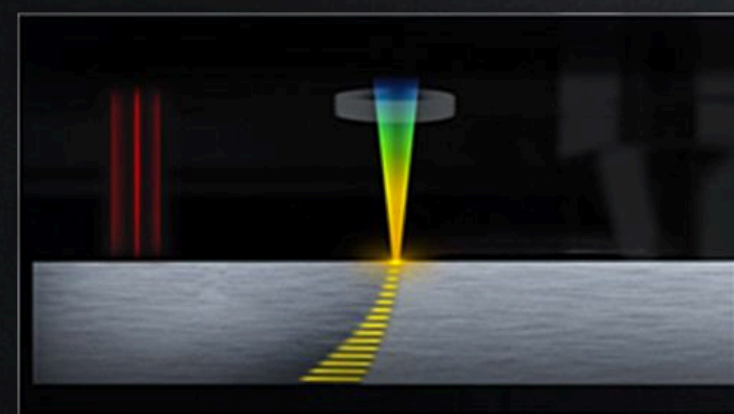


Optional

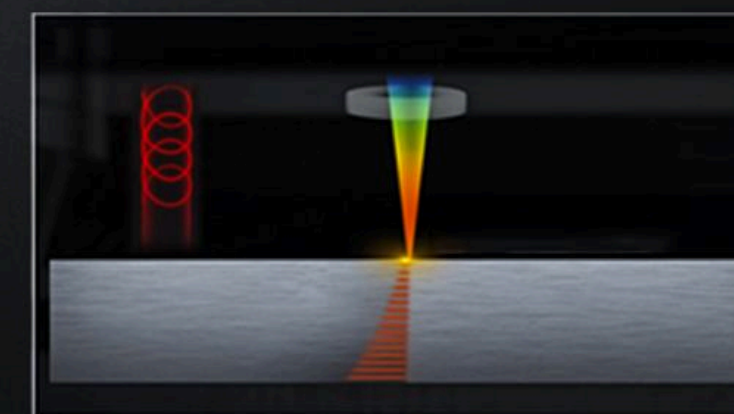
Laser Scanning Cutting Fearless High-Reflective Sheets

Scanning Cutting Pioneer Ideal Cutter for High-Reflective Materials

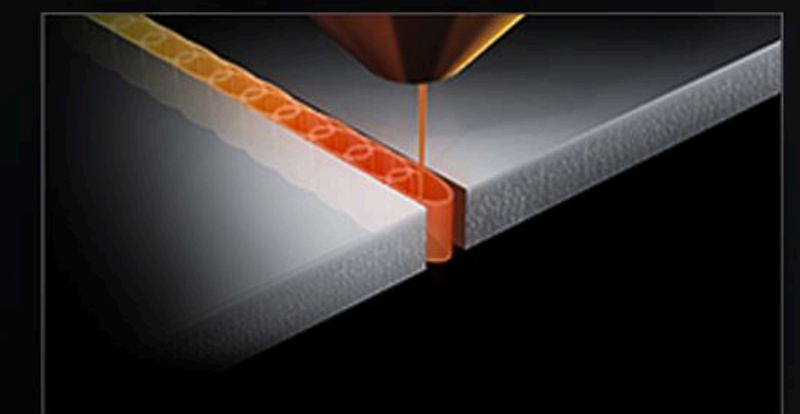
When cutting high-reflective materials, the optical path changes constantly, reducing more than 90% of the reflected light source and ensuring the stable processing of highly reflective sheets.



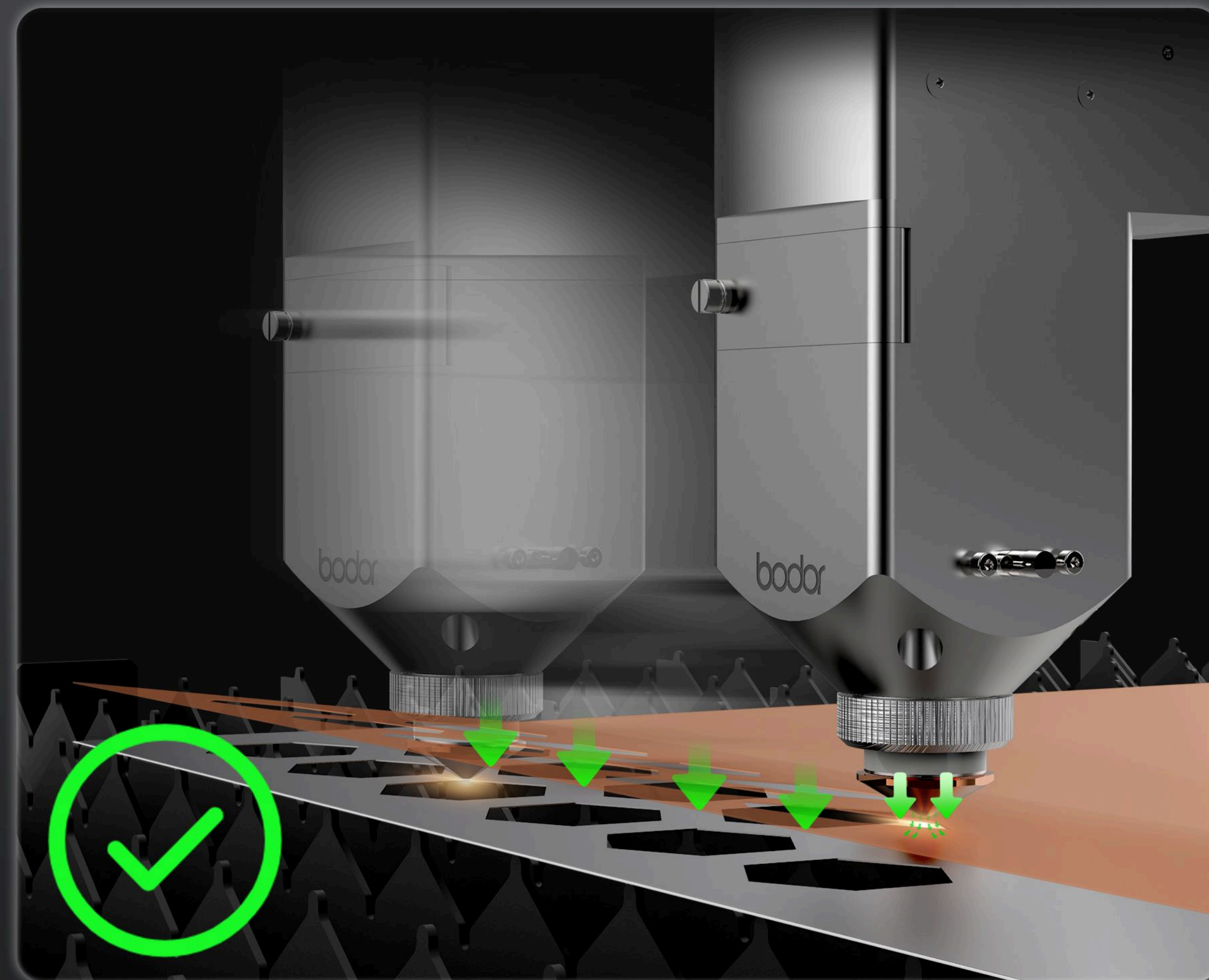
Conventional Laser Cutting



Laser Scanning Cutting



Laser Scanning Cutting Principle



Sheet Edge Anti-vibrating Stable Cutting

Through the powerful algorithm, it is able to adapt to the high frequency vibration of thin plate due to air pressure. The laser head sensitivity is intelligently adjusted, ensuring consistently stable cutting, thereby guaranteeing both cutting quality and efficiency.

Remnants Layout

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.

Ask Anything Get Every Answer

From product know-how and operation tips to feature guides, service support, and after-sales care—we've got you covered. Whatever you need to know, we have the answers.

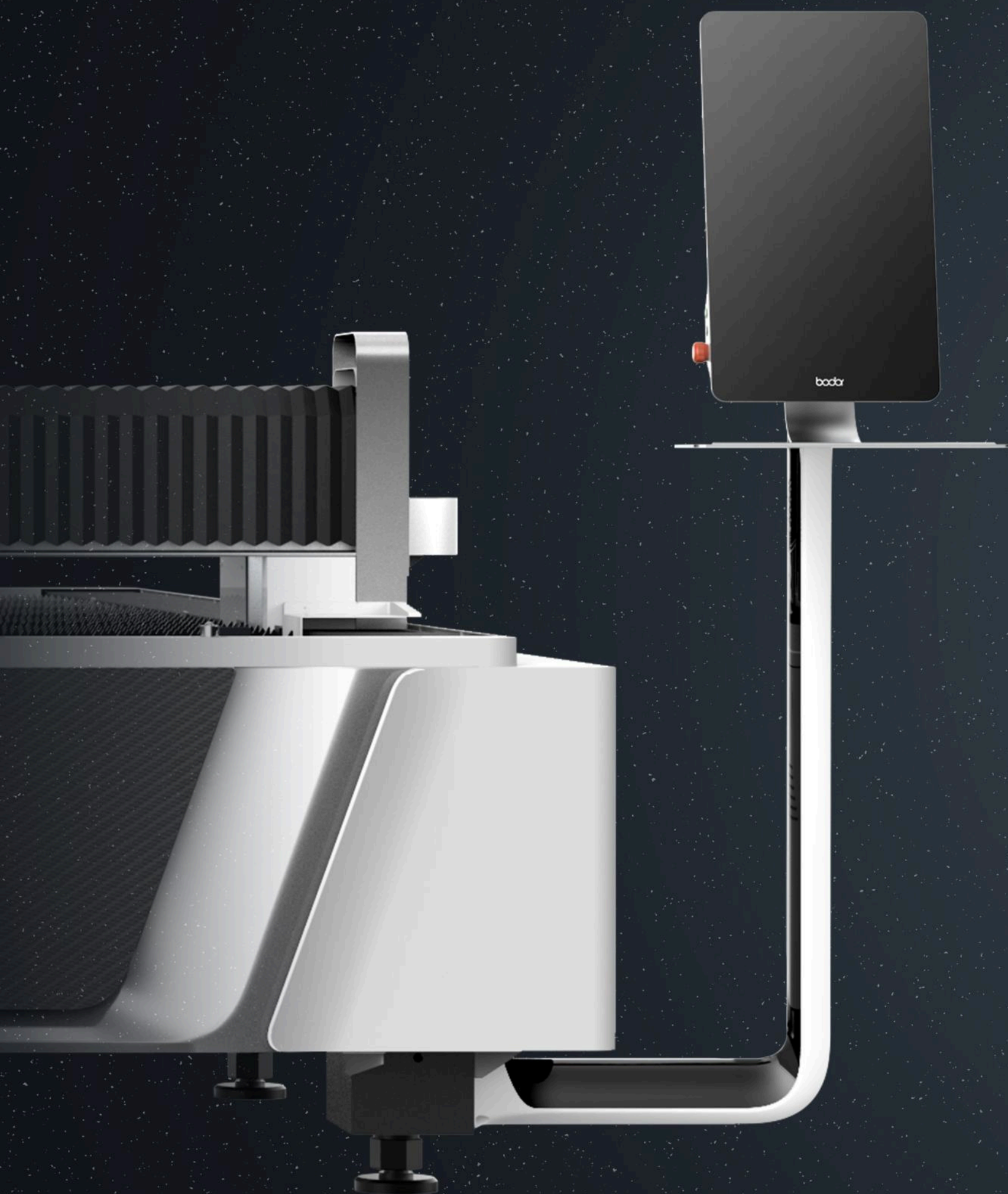


5-year Warranty for Bodor **Self-developed** Three Core Laser Components

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.



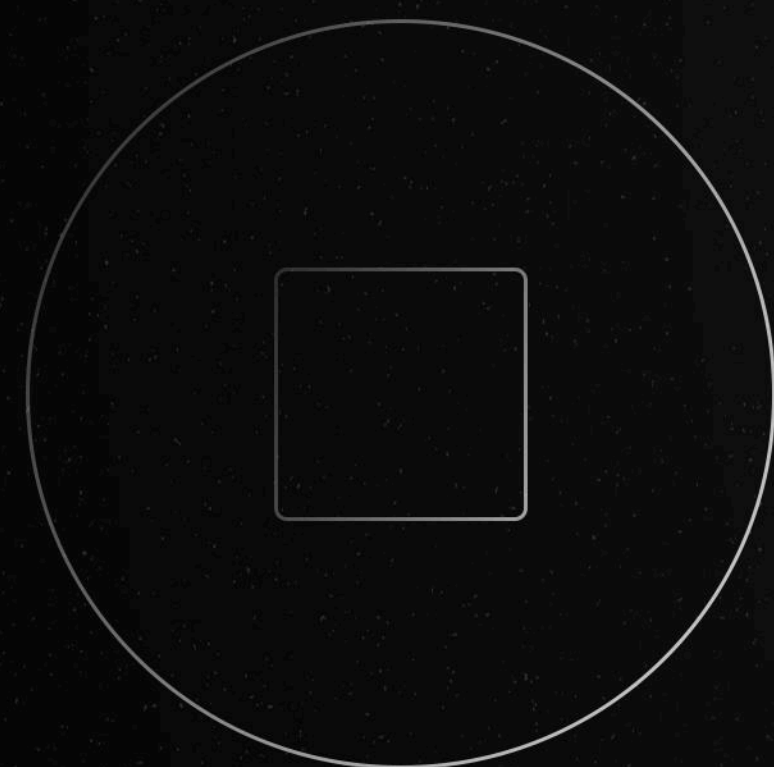
AT Series Parameters



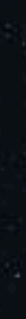
	A3T	A4T	A6T	A6T Plus
Working Area	3048mm×1524mm	4000mm×1524mm	6100mm×1524mm	6100mm×2500mm
Max. Linkage Speed	100m/min	100m/min	100m/min	100m/min
Max Accelaration	1.5 G	1.5 G	1.5 G	1.5 G
Tube Size Range	Round Tube:Φ8mm~Φ230mm Square Tube:□8mm~□230mm Rectangular Tube:8mm≤Side Length≤230mm	Round Tube:Φ8mm~Φ230mm Square Tube:□8mm~□230mm Rectangular Tube:8mm≤Side Length≤230mm	Round Tube:Φ8mm~Φ230mm Square Tube:□8mm~□230mm Rectangular Tube:8mm≤Side Length≤230mm	Round Tube:Φ8mm~Φ230mm Square Tube:□8mm~□230mm Rectangula Tube:8mm≤Side Length≤230mm
Pneumatic Chuck Maximum Load	200kg 33.4kg/m	200kg 33.4kg/m	200kg 33.4kg/m	200kg 33.4kg/m
Automatic Tube Inspection	Edge-Seeking, Center-Finding	Edge-Seeking, Center-Finding	Edge-Seeking, Center-Finding	Edge-Seeking, Center-Finding
Angle Steel, Channel Steel Cutting	●	●	●	●
Lightning Perforation	●	●	●	●
Active Obstacle Avoidance Function	●	●	●	●
Auto-Focus of Laser Head	●	●	●	●

One Machine, Dual-use

Instant Access, Immediate Results



bodor



NO.1