

Bodor P Series

Professional Model | High-Performance Sheet Laser Cutting Machine



The King of Efficiency Among Peer Products

Increase processing efficiency of a single sheet by 25%,
setting a new record for doubled output.



4 G 200 m/min Instant Positioning

Millisecond Rapid Idle Movement

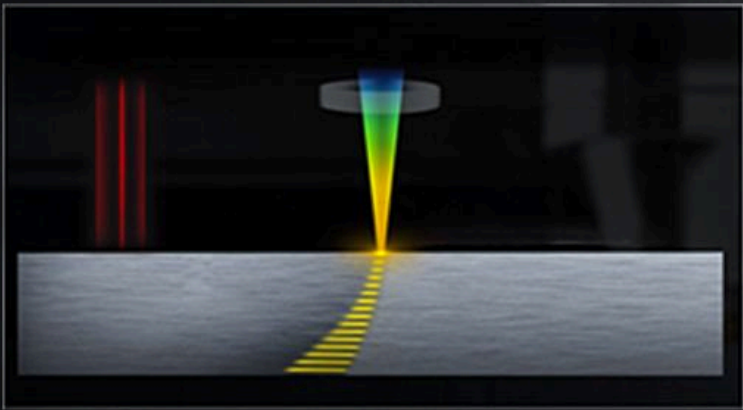
The shortest time for a 1m idle movement is only 480ms, allowing the laser head to instantly reach the cutting position and commence cutting immediately.



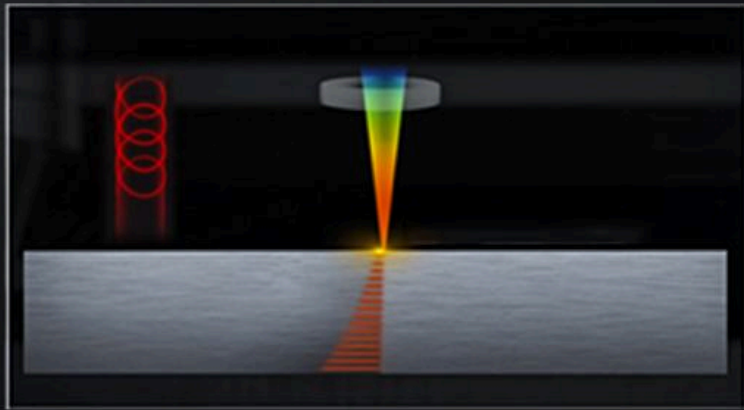
Optional

Laser Scanning Cutting Fearless High-Reflective Sheets

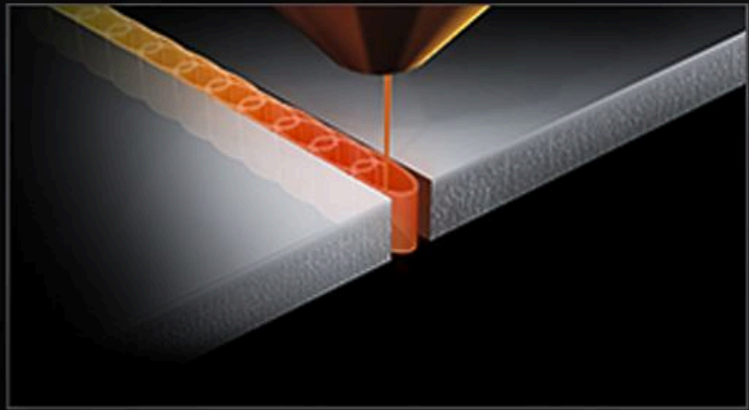
Scanning Cutting Pioneer Ideal Cutter for High-Reflective Materials
When cutting high-reflective materials, the optical path changes constantly, reducing more than 90% of the reflected light source and ensuring the stable processing of highly reflective sheets.



Conventional Laser Cutting



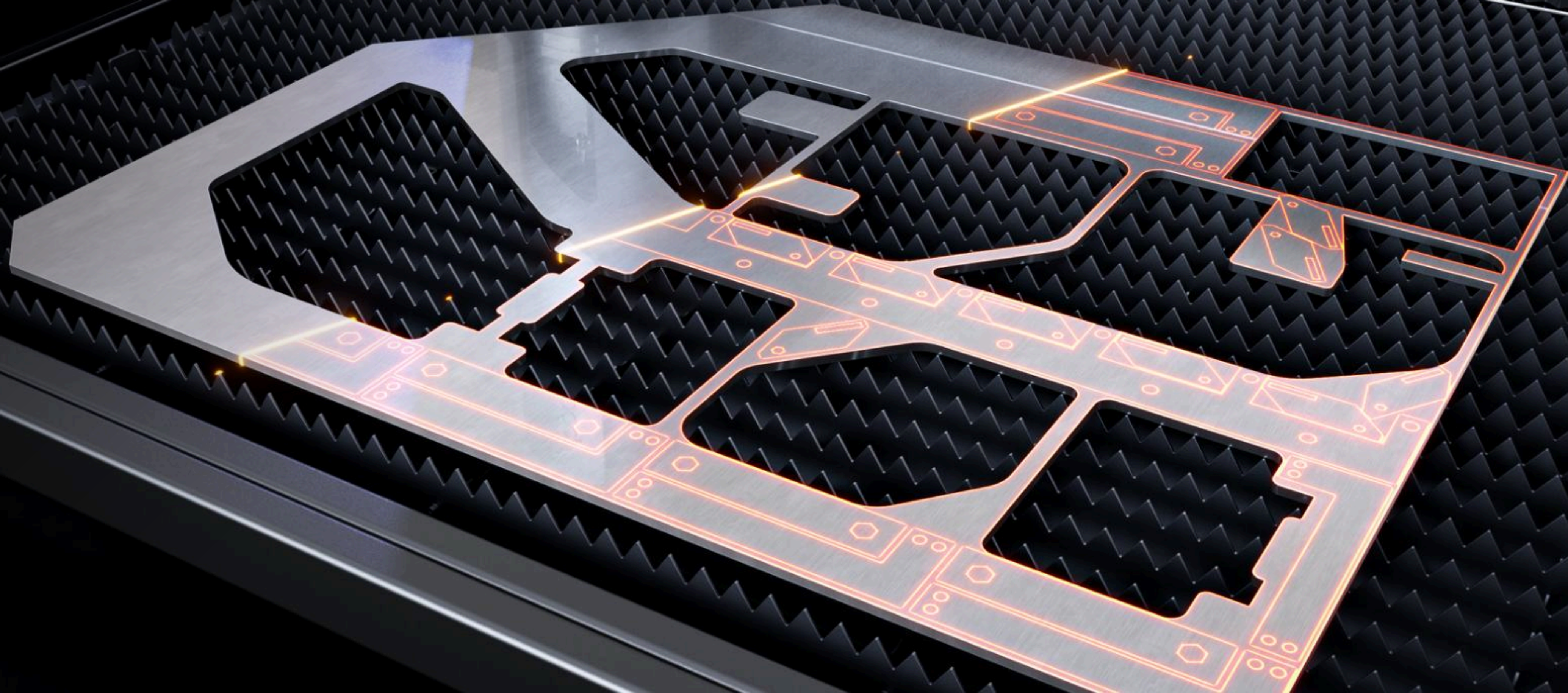
Laser Scanning Cutting



Laser Scanning Cutting Principle

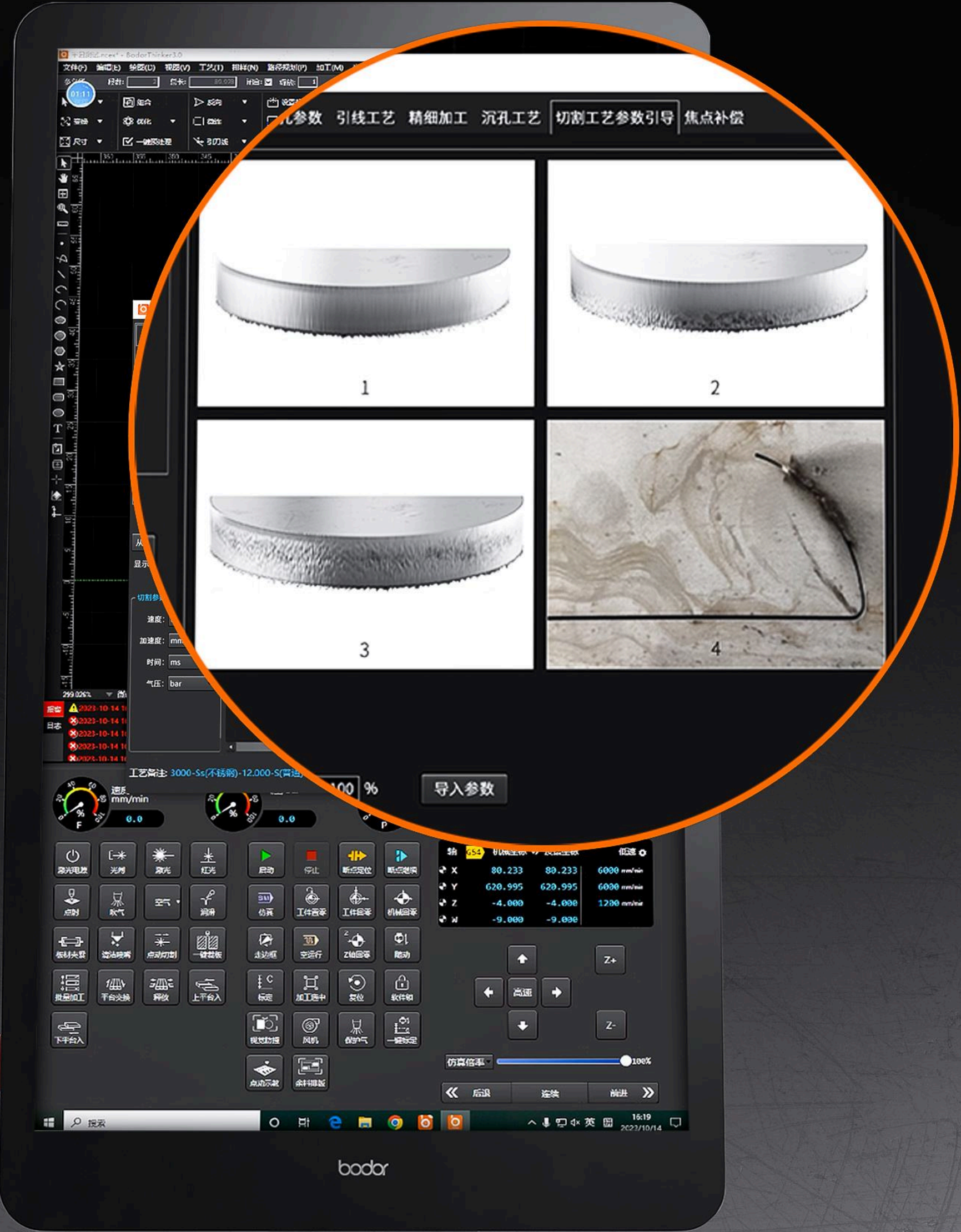
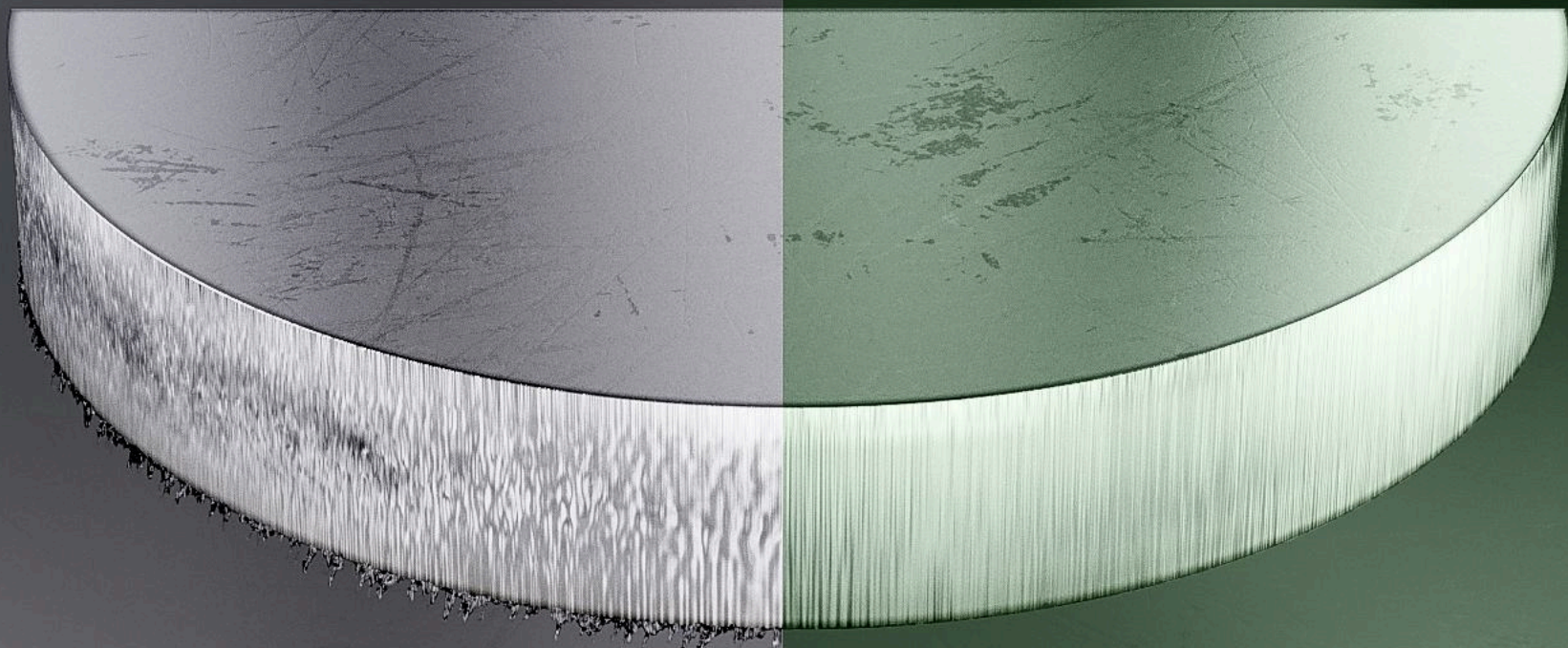
Intelligent Remnant Identification One-click Layout

Photograph and upload the image of the sheet metal remnants. The system automatically identifies and quickly locates the corners, making remnant layout a one-click task. Even waste - can create new value.



Cutting Parameter AutoMatch

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



* Available for 12KW and above (Unavailable for optional beveling cutting/scanning cutting)

Optional

Multi-Use Machine Multiplied Efficiency

A single iTransTower automatic material storage system can handle the automatic loading and unloading procedures for multiple cutting machines simultaneously, significantly elevating production efficiency.



Optional

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Cyclical Loading and Unloading Utmost Efficiency

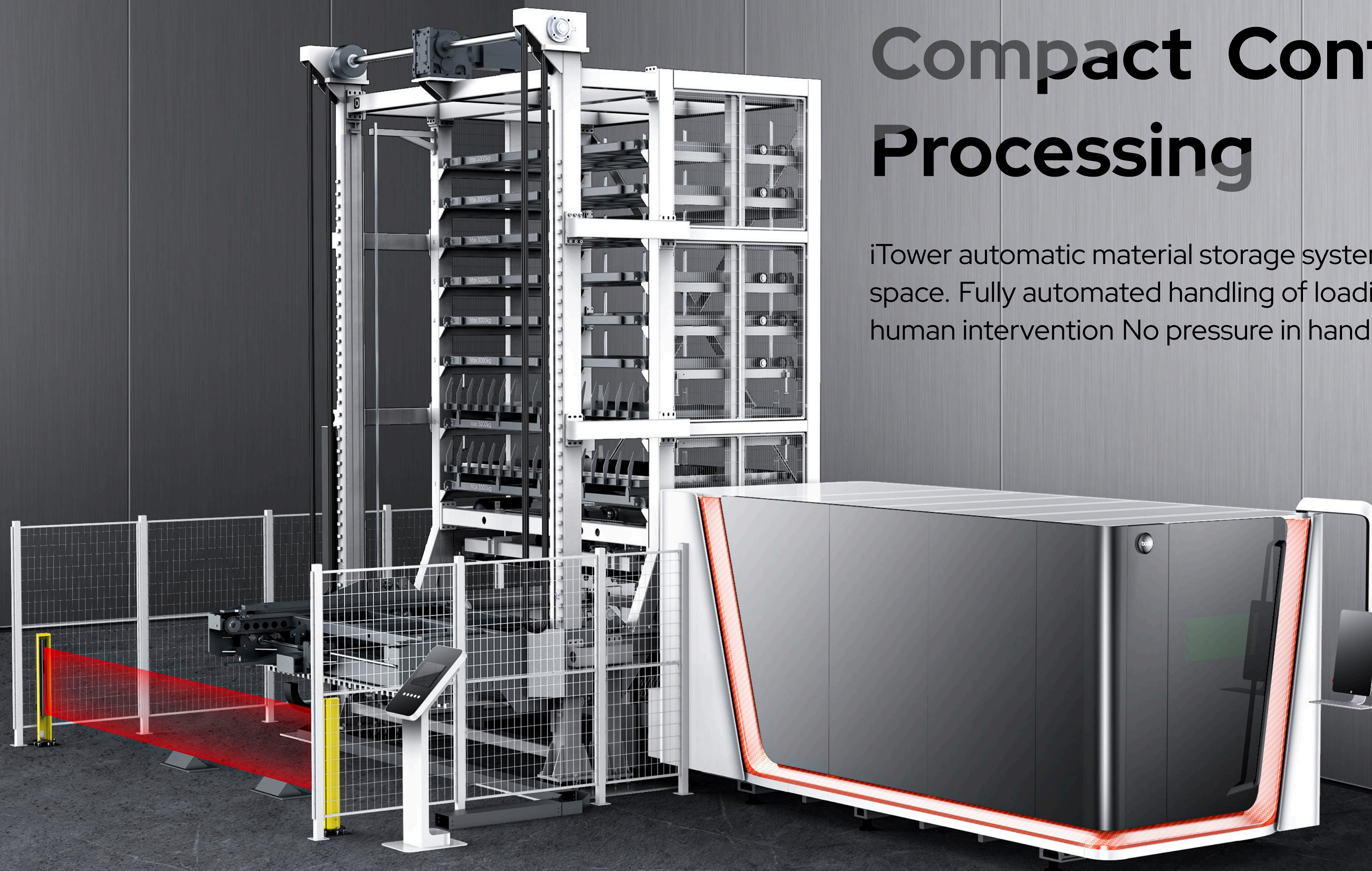
The iTrans automatic loading and unloading system enables efficient, synchronized cycling of loading and unloading, with continuous material changes taking only 110s.



Optional

Compact Continuous Processing

iTower automatic material storage system occupies only 28m² of floor space. Fully automated handling of loading and unloading without human intervention. No pressure in handling sheet metal up to 25mm.



Optional

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Automatic Loading No Manual Intervention Required



The iLoader automatic loading system simplifies the loading process, freeing up labor without any safety risks.

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.





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Cutting Machine

Applicable Industries

Widely applied in construction machinery, agricultural machinery manufacturing, special vehicle manufacturing, mining and coal machinery manufacturing, sheet metal processing and other industries.



P Series Parameters

	P3	P4	P6	P8	P12
Working Area	3048mm×1524mm	4000mm×2000mm	6500mm×2500mm	8050mm×2500mm	12500mm×2600mm
Max. Linkage Speed	200m/min	200m/min	200m/min	200m/min	200m/min
Max. Acceleration	4.0 G	4.0 G	2.8 G	2.8 G	2.8 G
One-Click Processing	●	●	●	●	●
Remnant Typesetting	● (Intelligent Remnants Layout)	●	●	●	●
Automatic Adjustment of Cutting Gas Pressure	●	●	●	●	●
Cutting Parameter AutoMatch	●12kW and above (Unavailable for Optional Beveling Cutting/Scanning Cutting)	●12kW and above (Unavailable for Optional Beveling Cutting/Scanning Cutting)	●12kW and above (Unavailable for Optional Beveling Cutting/Scanning Cutting)	●12kW and above (Unavailable for Optional Beveling Cutting/Scanning Cutting)	●12kW and above (Unavailable for Optional Beveling Cutting/Scanning Cutting)

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Dare to dream