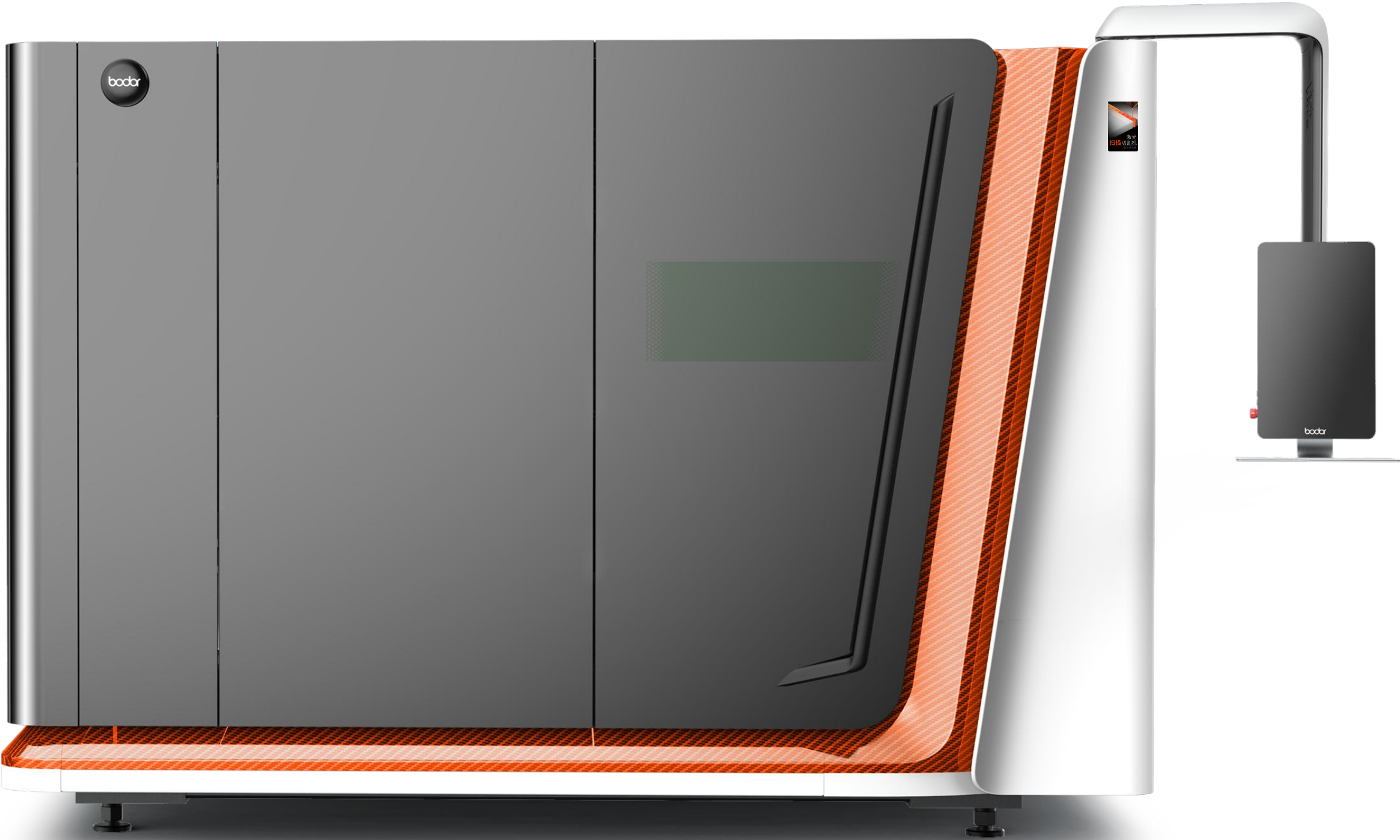


Bodor P Series

High-performance Model | Fully Protective 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

Adopting high-performance bus servo motors significantly improves processing efficiency, thus ensuring that every second you invest creates value.

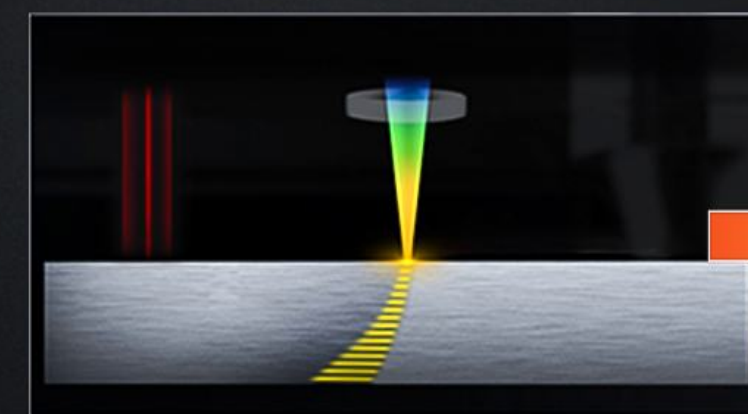
One-Second Edge Finding

One-click smart edge finding for precise positioning. It supports edge finding and positioning for the secondary processing of workpieces without manual positioning, allowing batch processing to be simple and efficient.

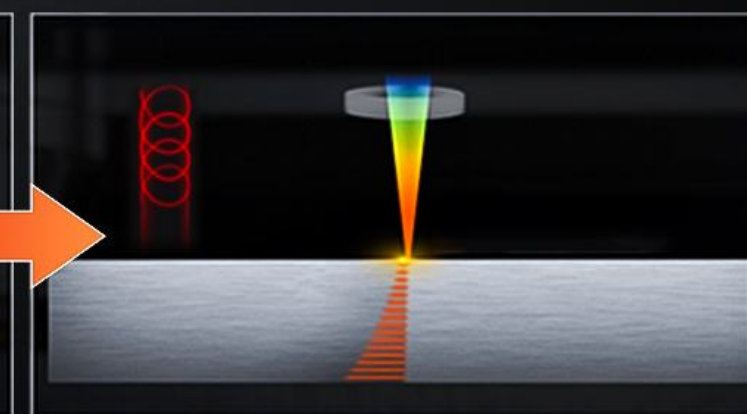
Optional

Laser Scanning Cutting The Speed Pioneer in Thin Sheet Processing

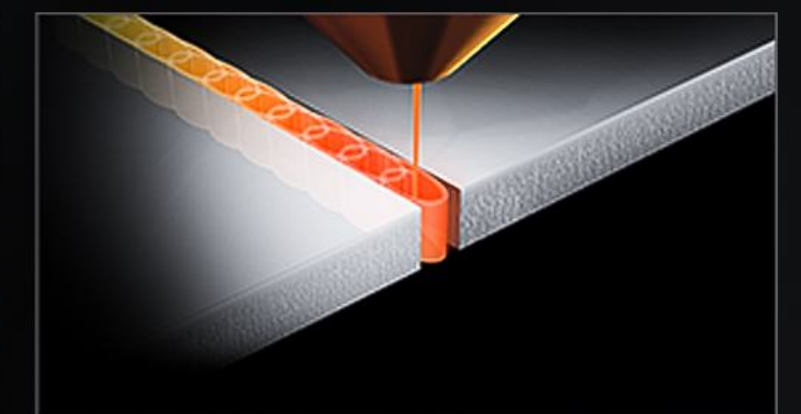
The pioneer of laser scanning cutting technology breaks through the limits of thin sheet perforation, boosting cutting efficiency by up to 150%, and becoming the most powerful thin sheet processing tool to date.



Conventional Laser Cutting



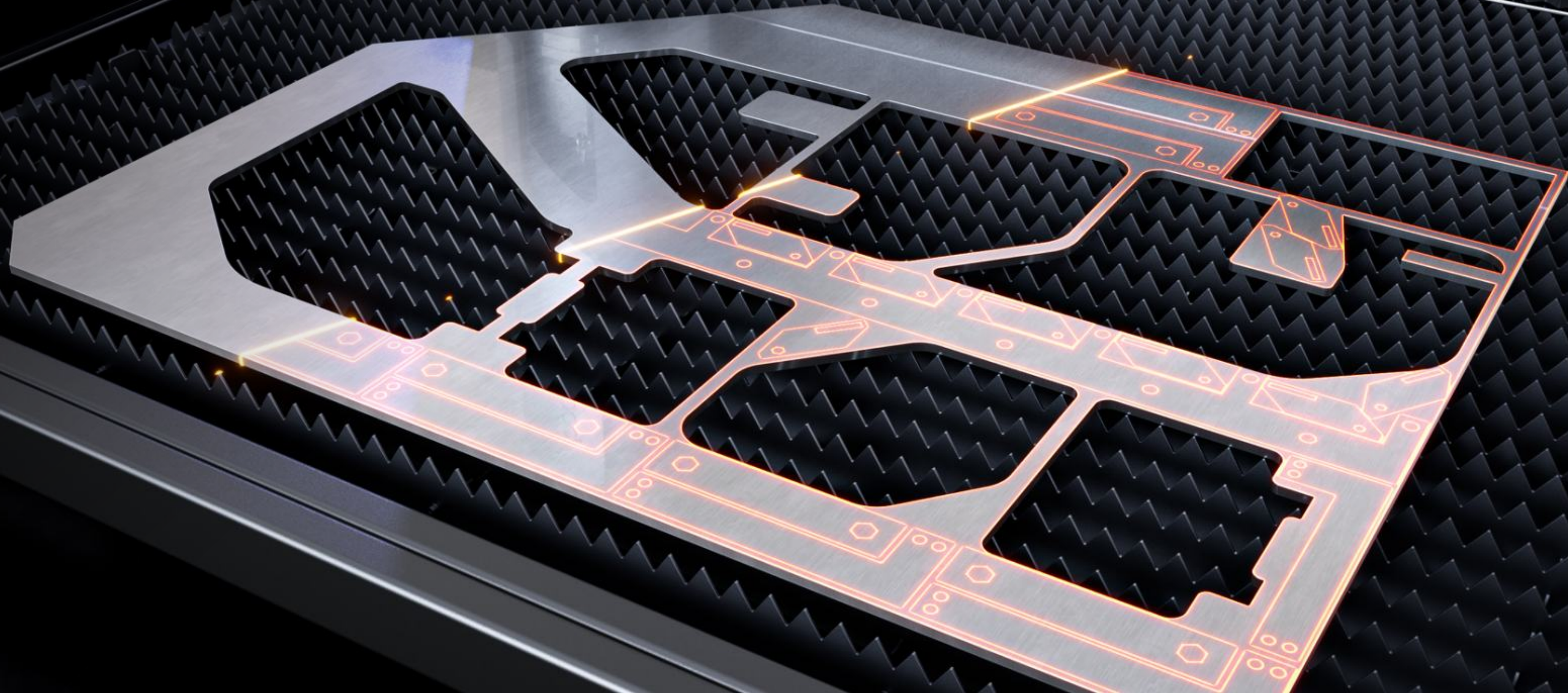
Laser Scanning Cutting



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 Seam Automatic Compensation

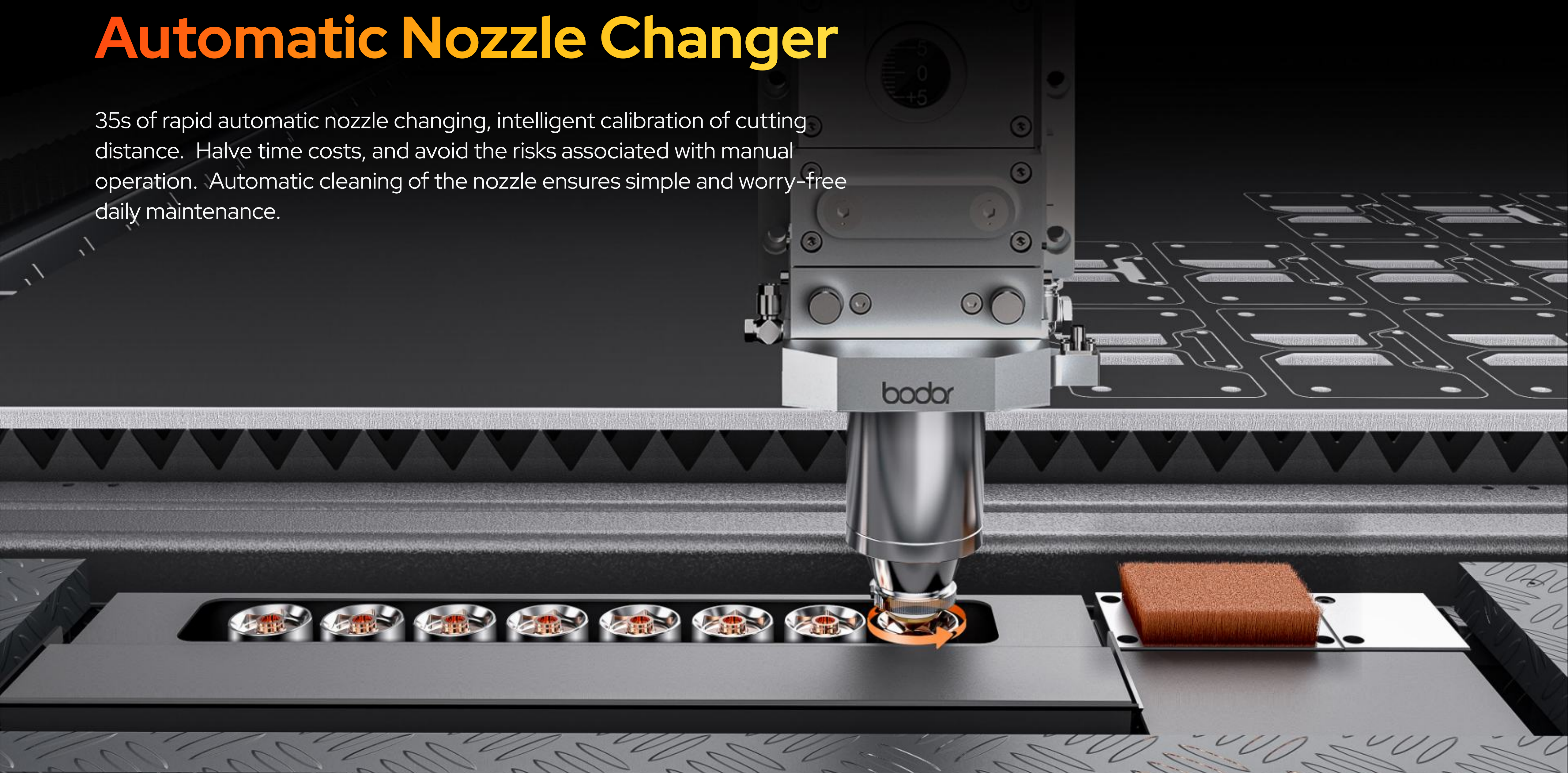
No Manual Measurement Required

Intelligent recognition and analysis of cutting seam image information. Adaptive adjustment of the process parameters. Achieve precise compensation for cutting seams without manual measurement.



Automatic Nozzle Changer

35s of rapid automatic nozzle changing, intelligent calibration of cutting distance. Halve time costs, and avoid the risks associated with manual operation. Automatic cleaning of the nozzle ensures simple and worry-free daily maintenance.



Optional

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Automatic Loading No Manual Intervention Required

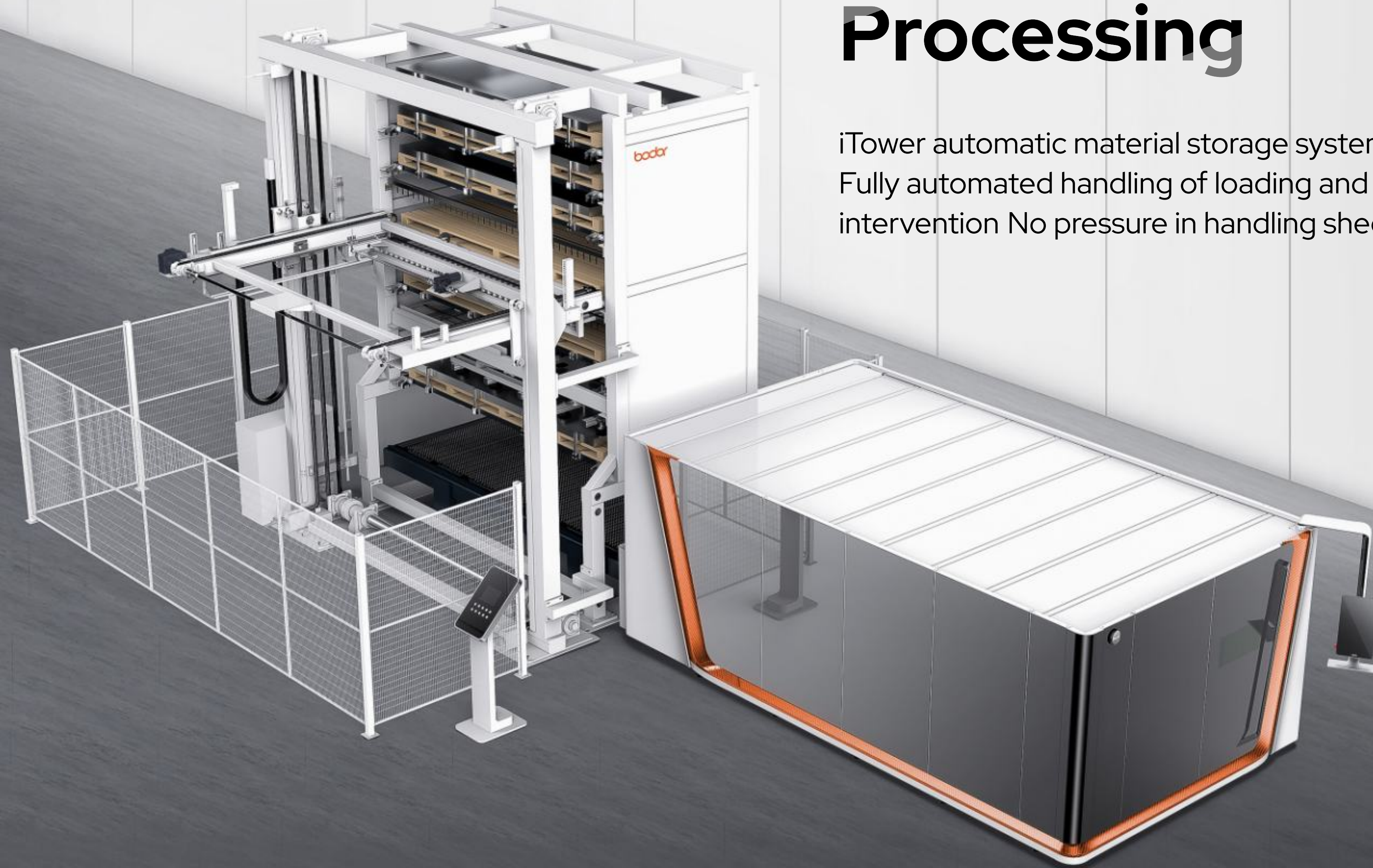


The iLoader automatic loading system simplifies the loading process, freeing up labor without any safety risks.

Optional

Compact Continuous Processing

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

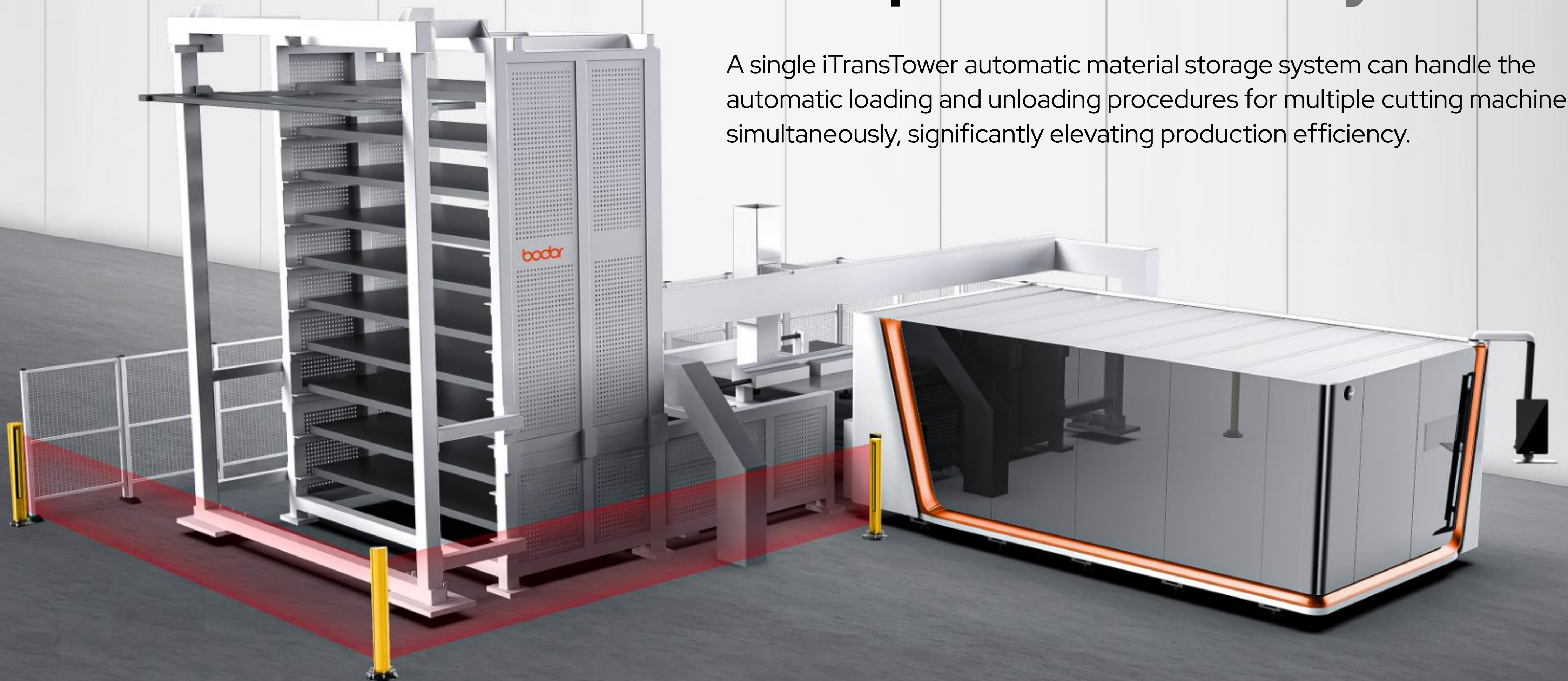


Optional

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

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.

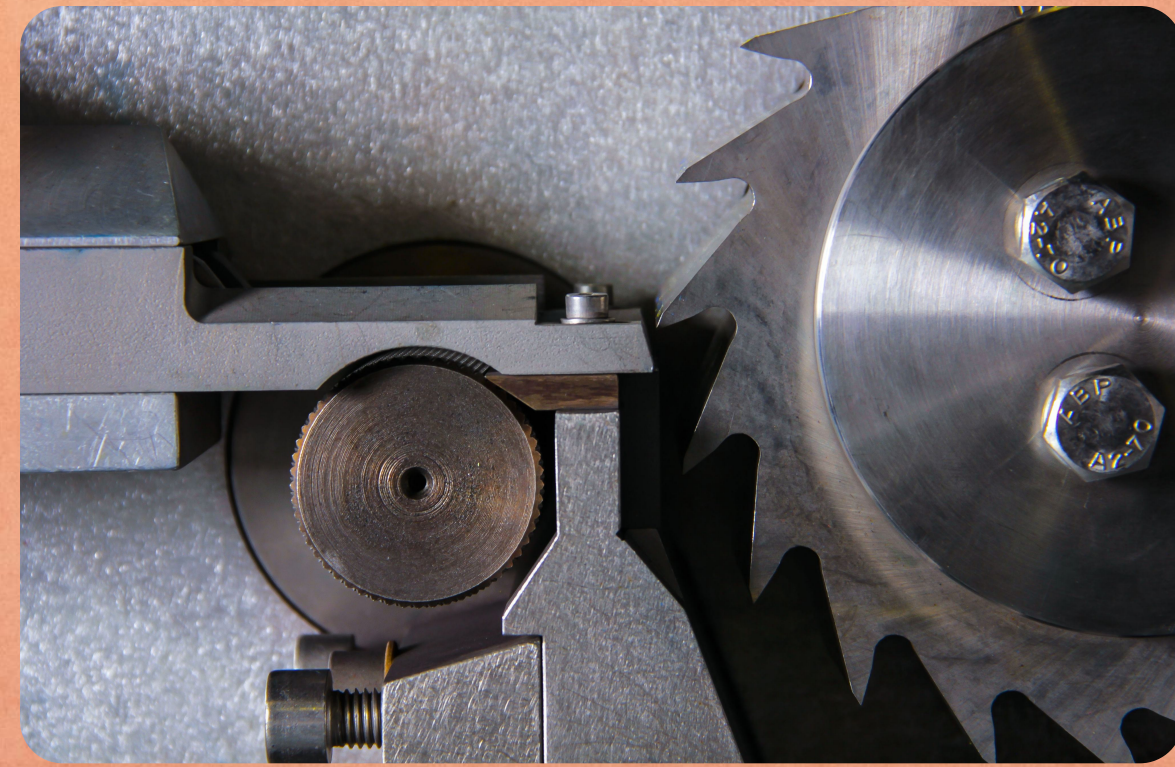
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5-year Warranty for Bodor **Self-developed** Three Core Laser Components

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.





High-performance Model Sheet Laser Cutting Machine

Applicable Industries

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



P Series Parameters



	P3	P4	P6	P12
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 Layout	● (Intelligent Remnants Layout)	●	●	●
One-Second Edge Finding	● (not available when bevel cutting is selected)	●	●	●
Active Obstacle Avoidance	●	●	●	●
Automatic Cutting Seam Compensation	●	×	×	×
Automatic Nozzle Changer	8 Nozzles (not available when beveling cutting is selected)	8 Nozzles (not available when beveling cutting is selected)	8 Nozzles (not available when beveling cutting is selected)	8 Nozzles (not available when beveling cutting is selected)
Air Pressure Intelligent Control	●12kW and above	●12kW and above	●12kW and above	●12kW and above
Automatic Adjustment of Cutting Gas Pressure	●	●	●	●

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Dare to dream