

Bodor CT Series

Classic Model | Fully Protective Sheet&Tube Laser Cutting Machine

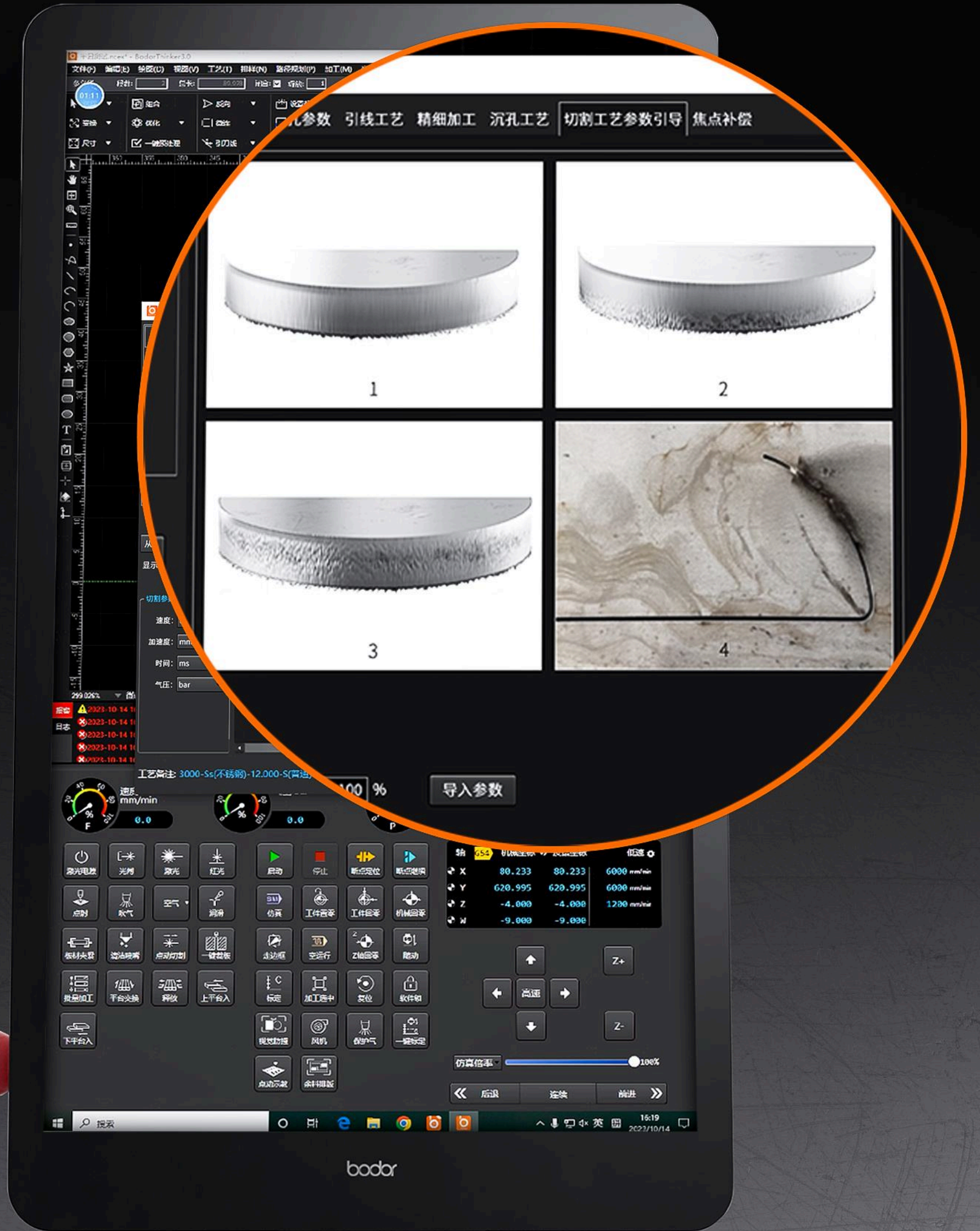
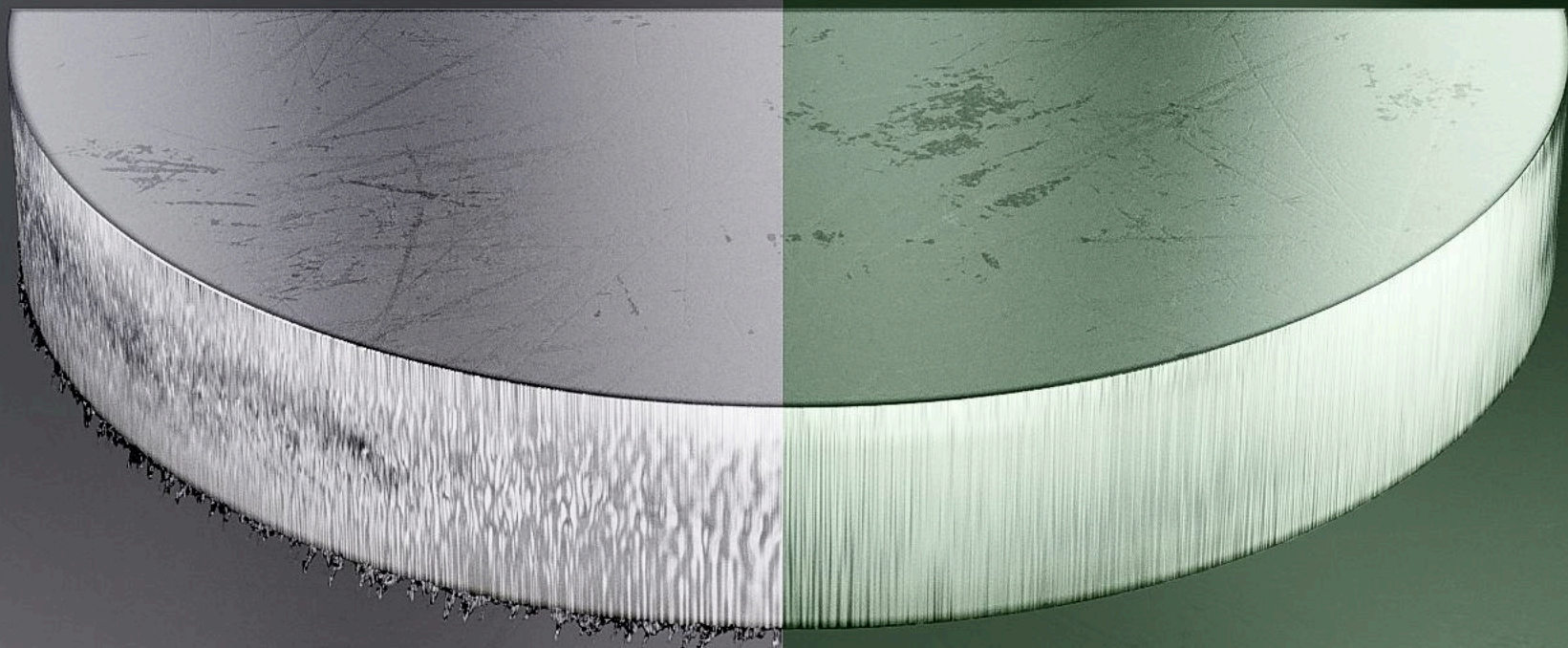


Enjoy Euro-standard Quality One Machine Dual-use



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 **1.0G**

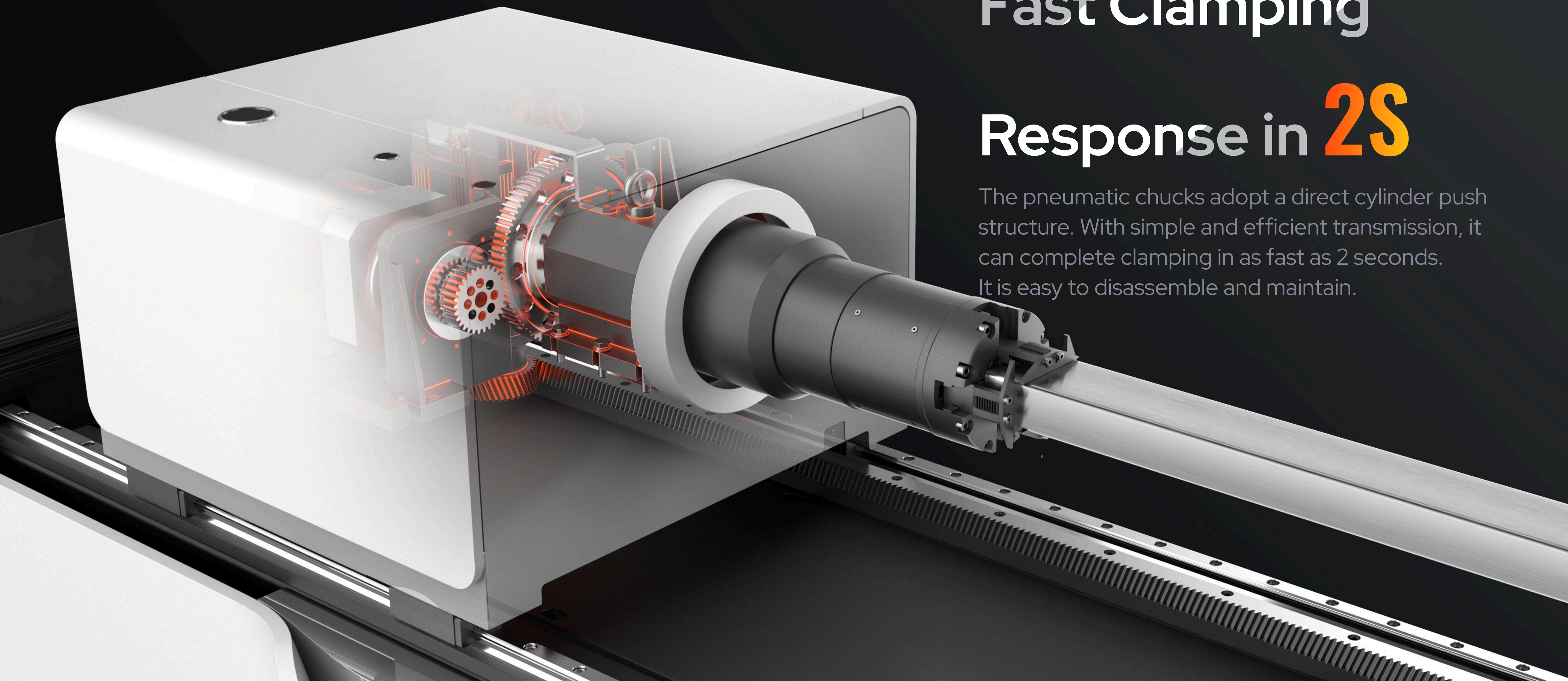
It adopts high-performance bus servo motors to achieve the absolute leading dynamic performance (compared with similar products in the market).

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.

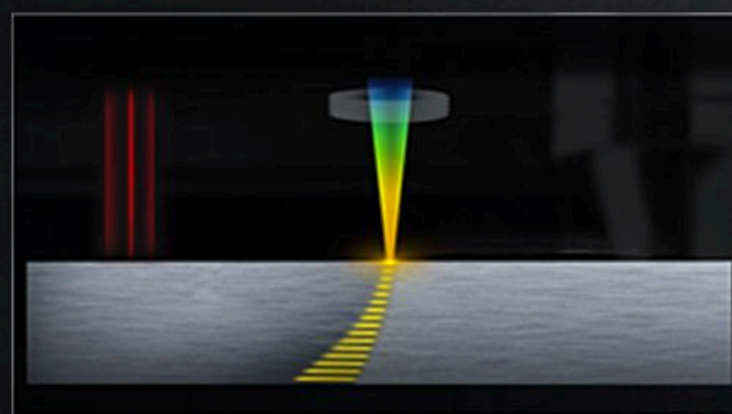


Optional

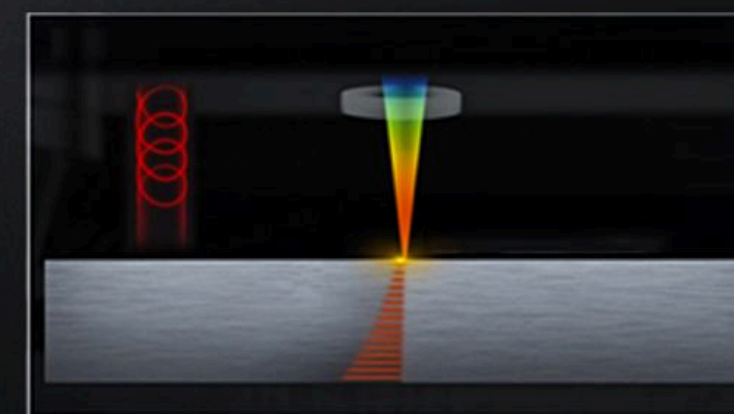
Laser Scanning Cutting Fearless High-Reflective Sheets

Scanning Cutting Pioneer Ideal Cutter for High-Reflective Materials

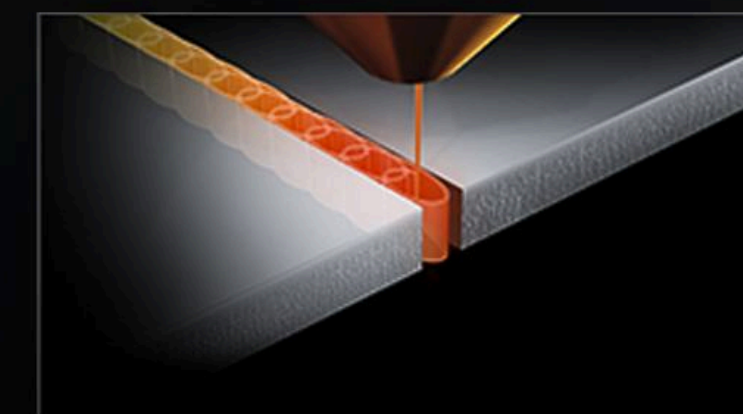
When cutting high-reflective materials, the optical path changes constantly, reducing more than 90% of the reflected light source and ensuring the stable processing of highly reflective sheets.



Conventional Laser Cutting



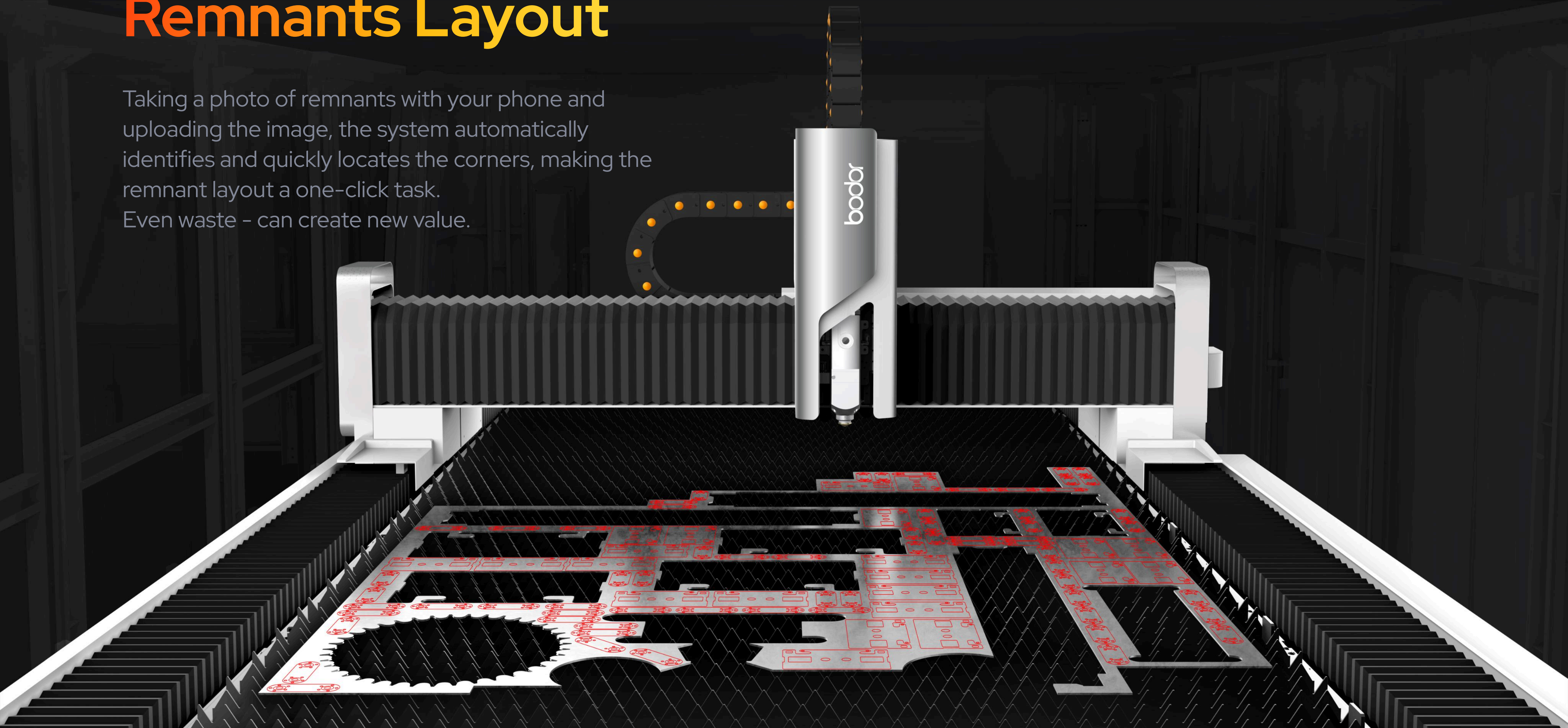
Laser Scanning Cutting



Laser Scanning Cutting Principle

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.

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.



CT Series Parameters

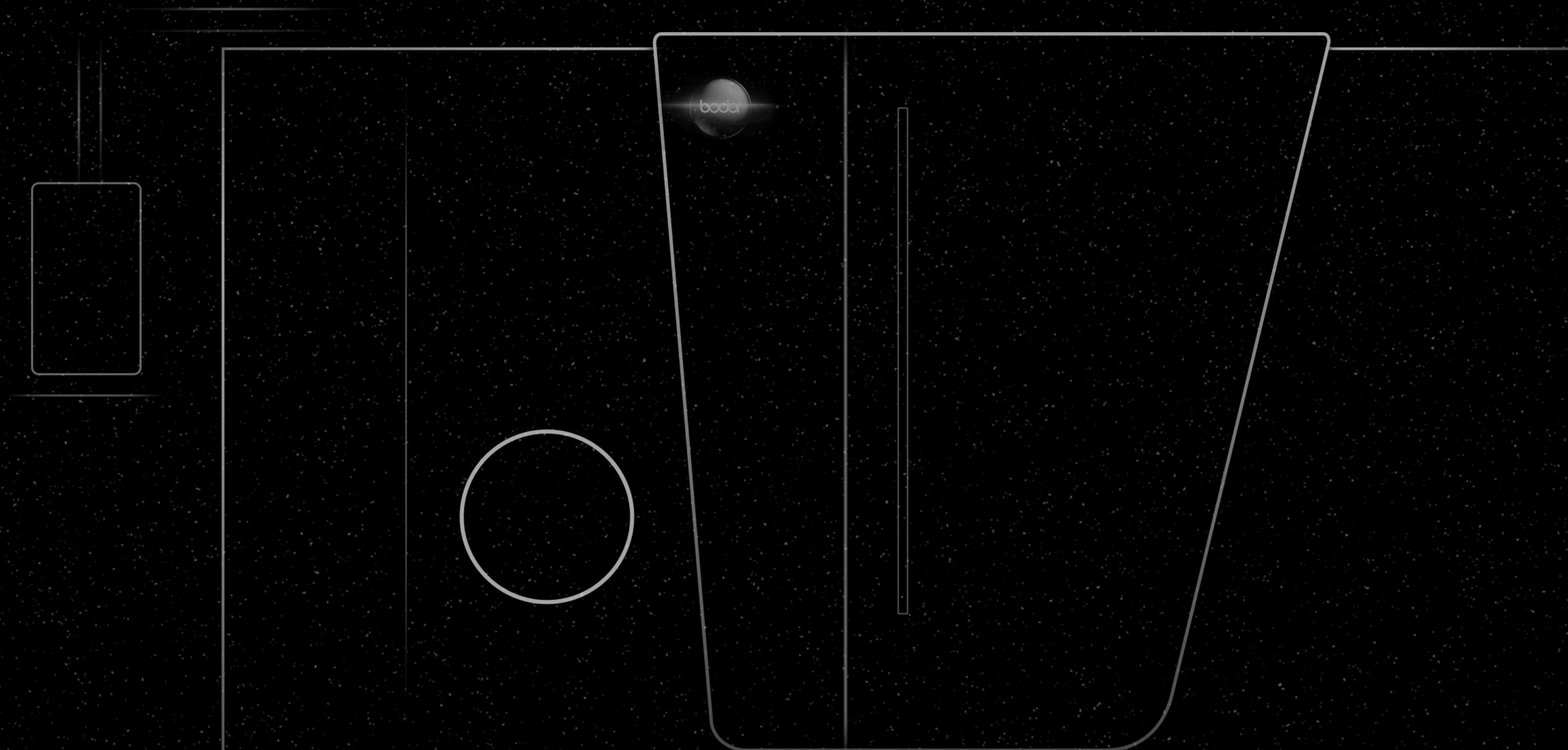
C3T

Working Area	3048mm×1524mm	Max. Rotational Speed of W Axis	60 RPM
Max. Linkage Speed	100 m/min	C-T6U Axis Positioning Accuracy	0.05mm
Max. Acceleration	1.0G	C-T6U Axis Repositioning Accuracy	0.03mm
Positioning Accuracy	±0.05mm/m	One-Click Processing	●
Repositioning Accuracy	±0.03mm	Lightning Perforation	●
Tube Size Range	Round Tube:Φ8mm~Φ230mm Square Tube:□8mm~□230mm Rectangular Tube:8mm≤Side Length≤230mm	Active Obstacle Avoidance Function	●
Pneumatic Chuck Maximum Load	200kg 33.4kg/m	Angle Steel, Channel Steel Cutting	●
Automatic Tube Inspection	Edge-Seeking, Center-Finding	Mineral Casting Anti Burning	●1.5kW and above
Max. Length of Tube	C-T6 Tube Maximum Length Is 6m		



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bodor

Dare to dream