

Bodor **K** Series

Classic Model | Tube Laser Cutting Machine



4000+ Users' Choice

Industry Bestseller, Easy Operation
The Unrivaled Choice for Small and Medium Enterprises

For every 100 classic tube laser cutting machines sold in the world,
10+ of them are K Series.



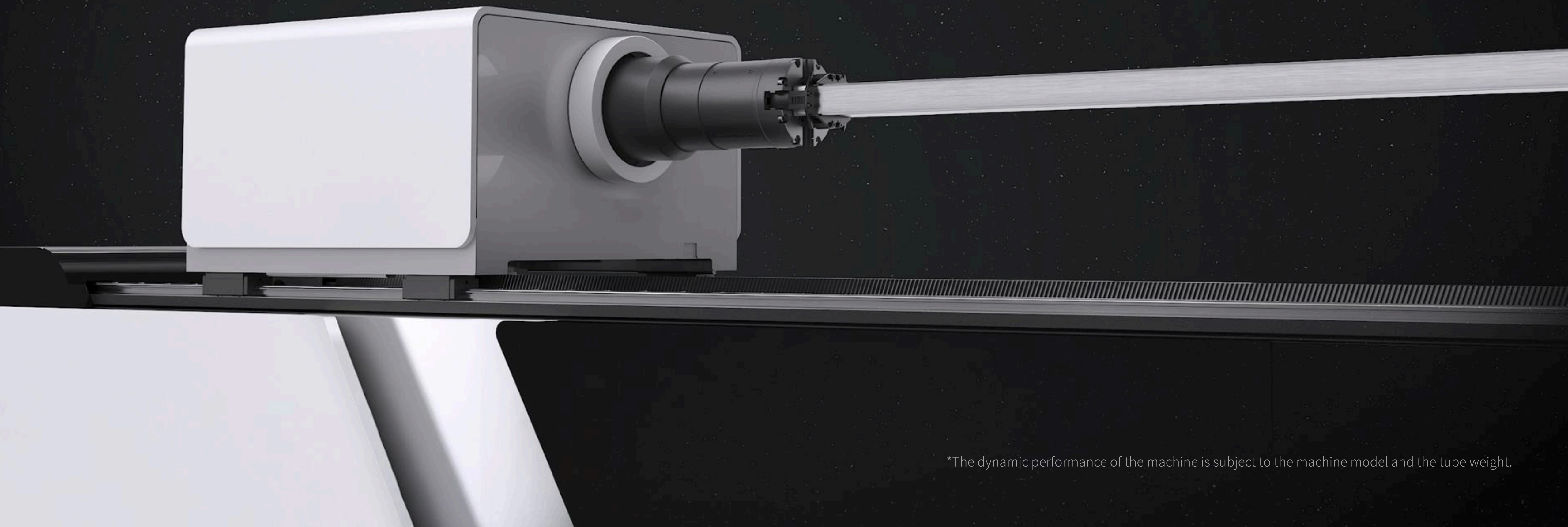
150 r/min

Max. Rotation Speed

120 m/min

Max. Operation Speed

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



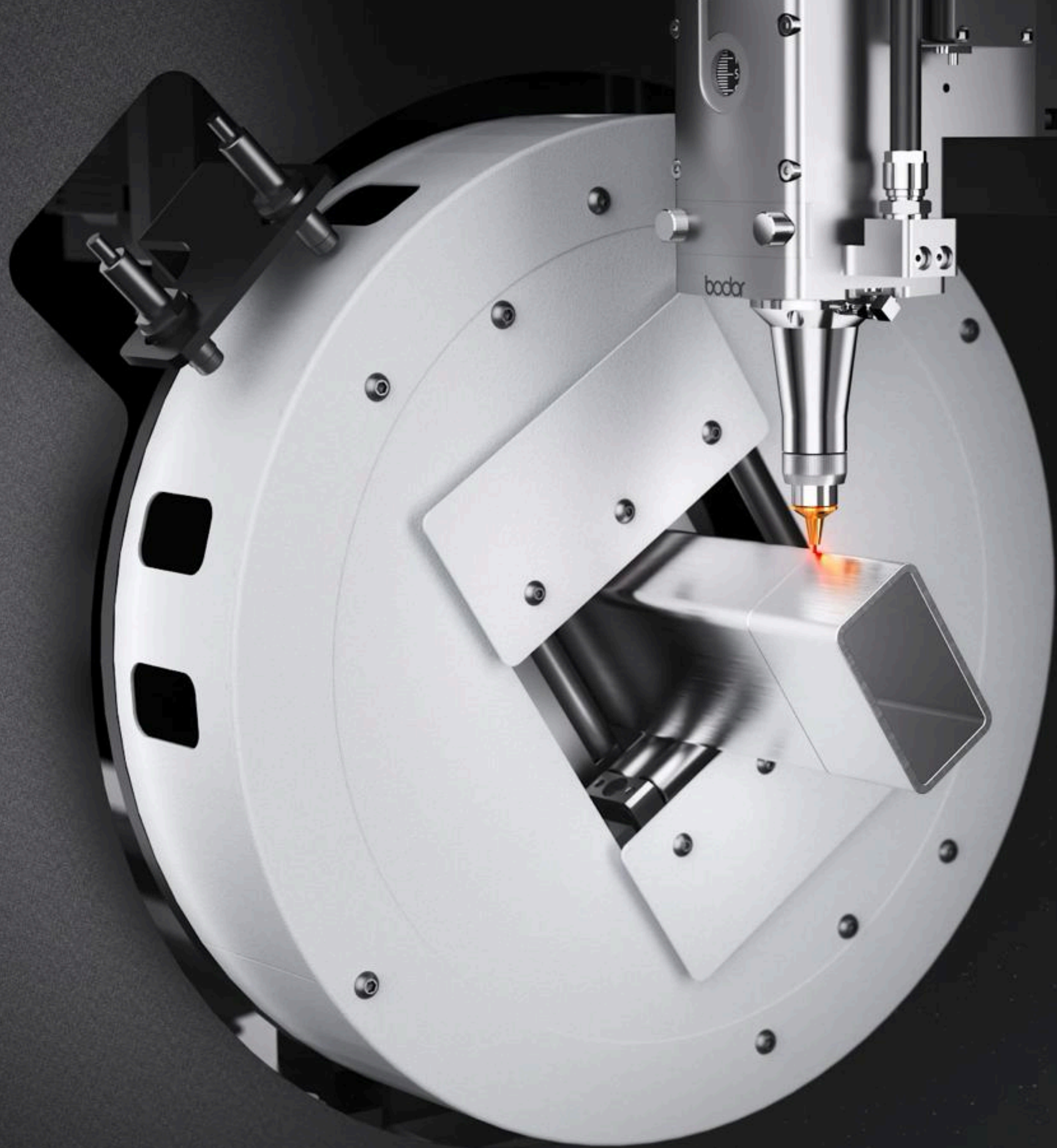
*The dynamic performance of the machine is subject to the machine model and the tube weight.

40 mm

Short Cutting Tailings

The chuck avoidance structure is designed for the shortest safety distance, maximizing material utilization and reducing scrap costs.





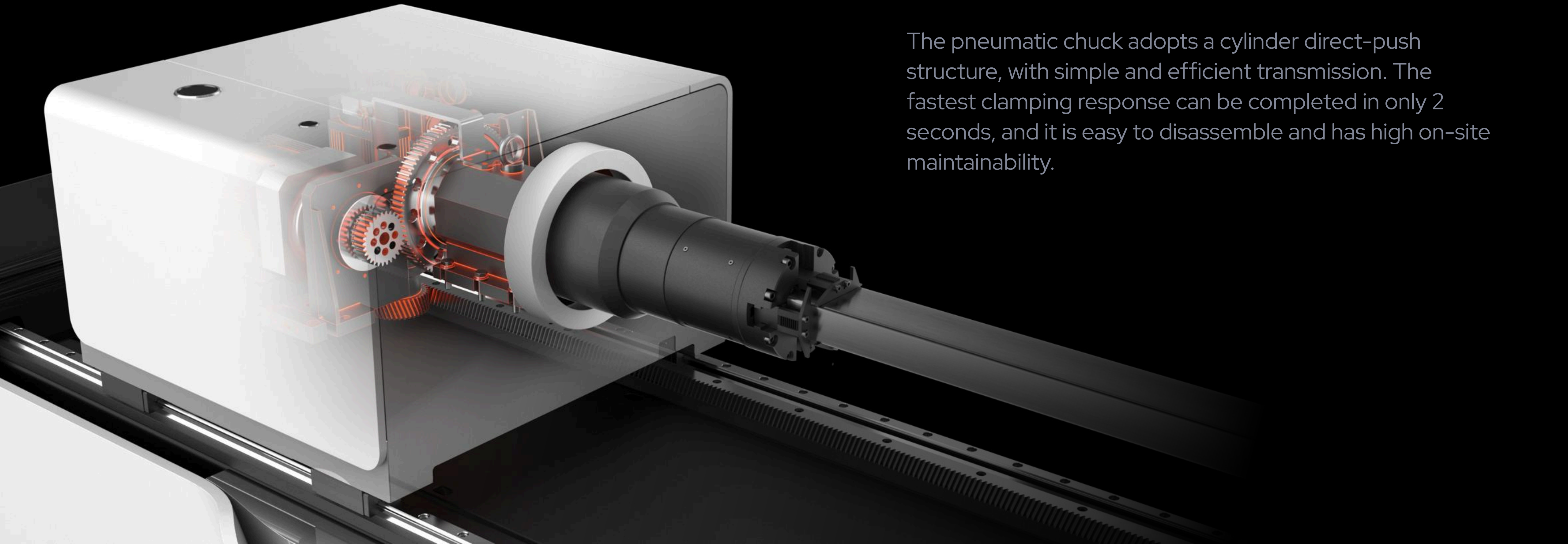
Edge Collision Prevention

When cutting rectangular or square tubes, the K series system calculates the tube's corner rotation radius through the function, effectively preventing collisions between the laser head and the tube, thus avoiding any damage to the laser head.

2s Fast Clamping

High-speed Chucks

The pneumatic chuck adopts a cylinder direct-push structure, with simple and efficient transmission. The fastest clamping response can be completed in only 2 seconds, and it is easy to disassemble and has high on-site maintainability.



The Latest **3rd** Generation Mortise and Tenon Welded Bed

28 %

Structural Strength Increased
(Compared To The Previous Generation)

22 %

Rigidity Increased
(Compared To The Previous Generation)

Optional

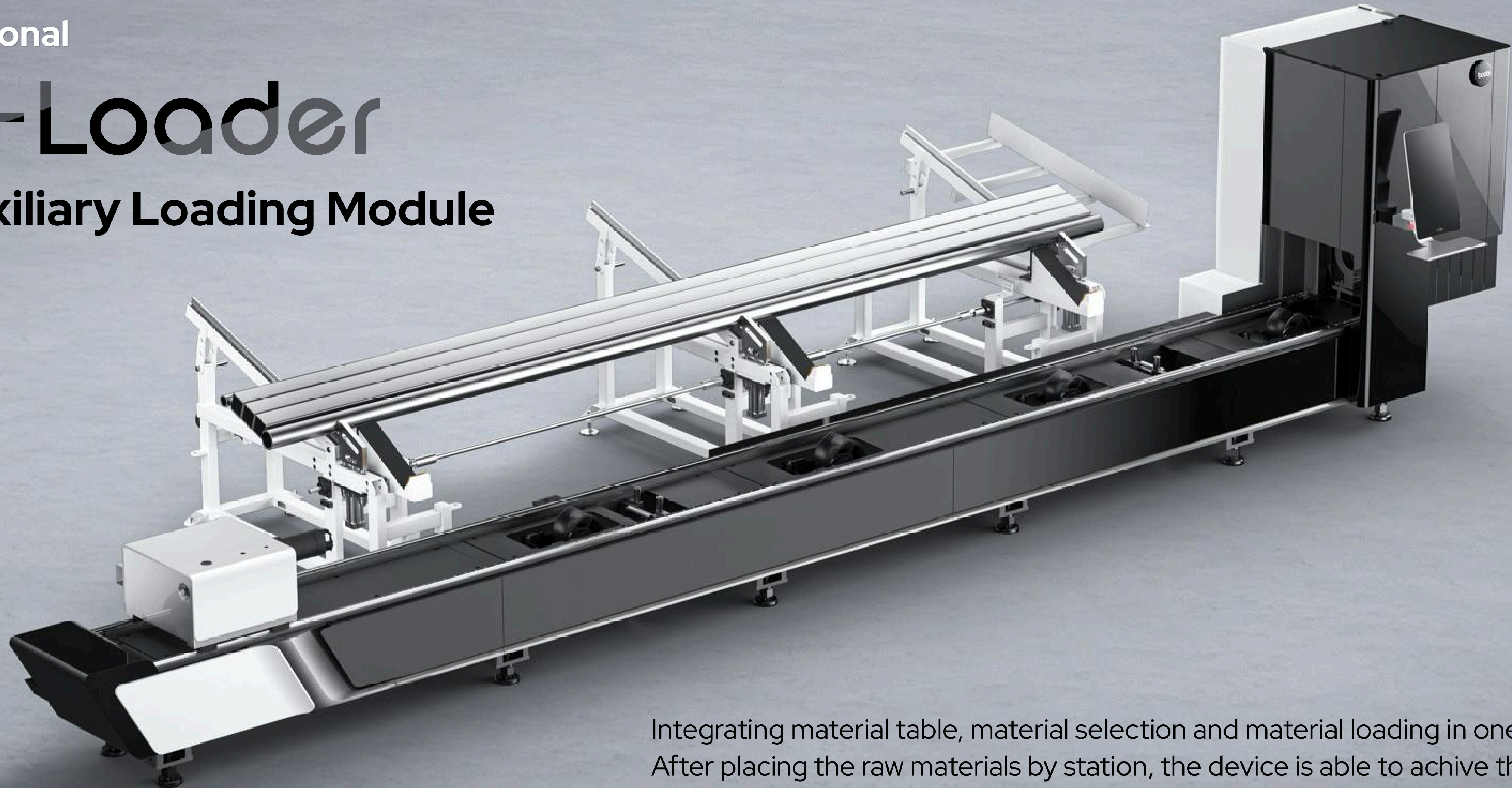
Fully Automatic Unloading Plate

The unloading of long tube is no longer a challenge, with length range restrictions preventing tube swinging, thereby improving cutting precision and unloading reliability.

Optional

K-Loader

Auxiliary Loading Module

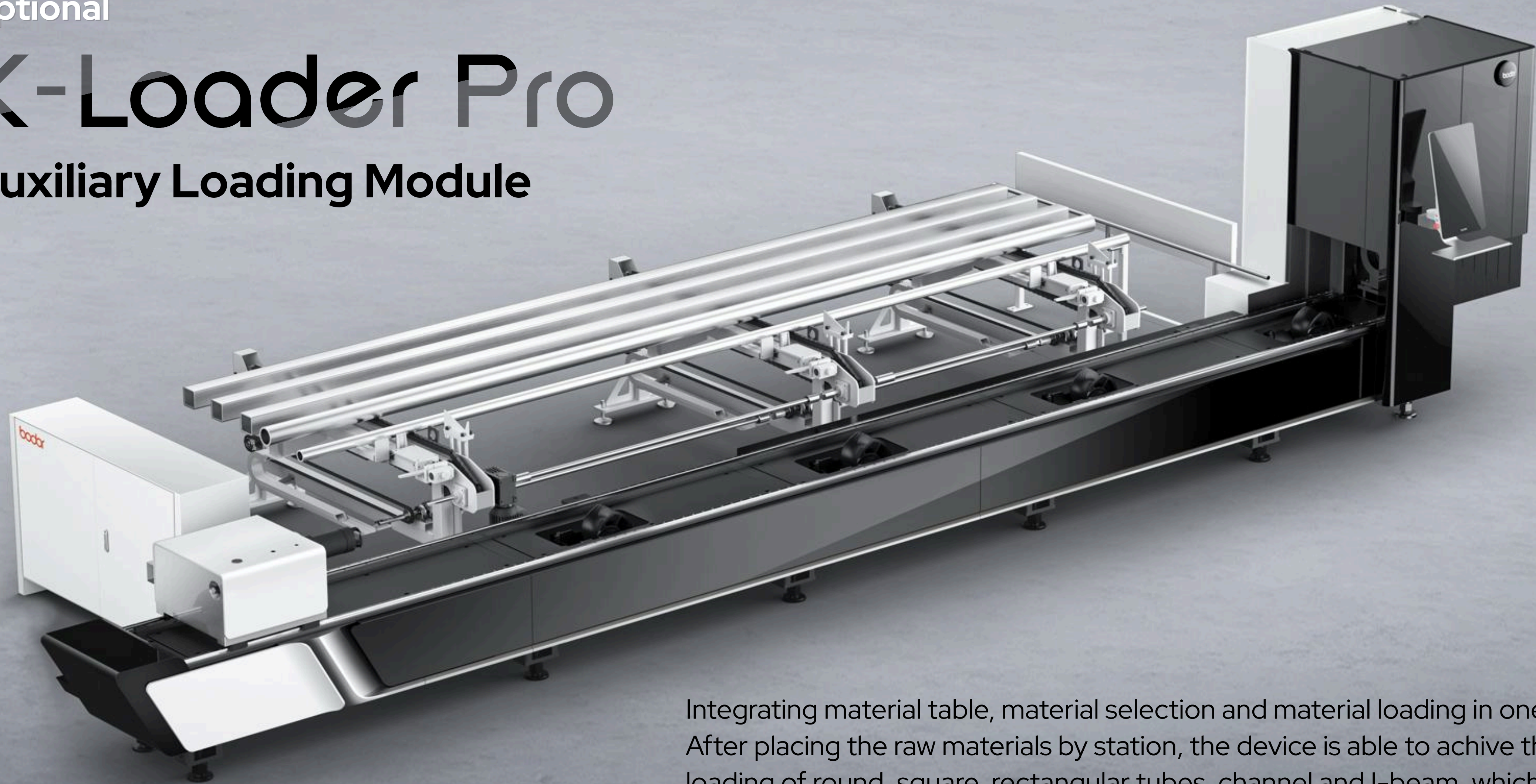


Integrating material table, material selection and material loading in one device. After placing the raw materials by station, the device is able to achieve the cyclic loading of round, square, rectangular tubes, channel and I-beam, which improves the processing efficiency and reduces the labor cost.

Optional

K-Loader Pro

Auxiliary Loading Module

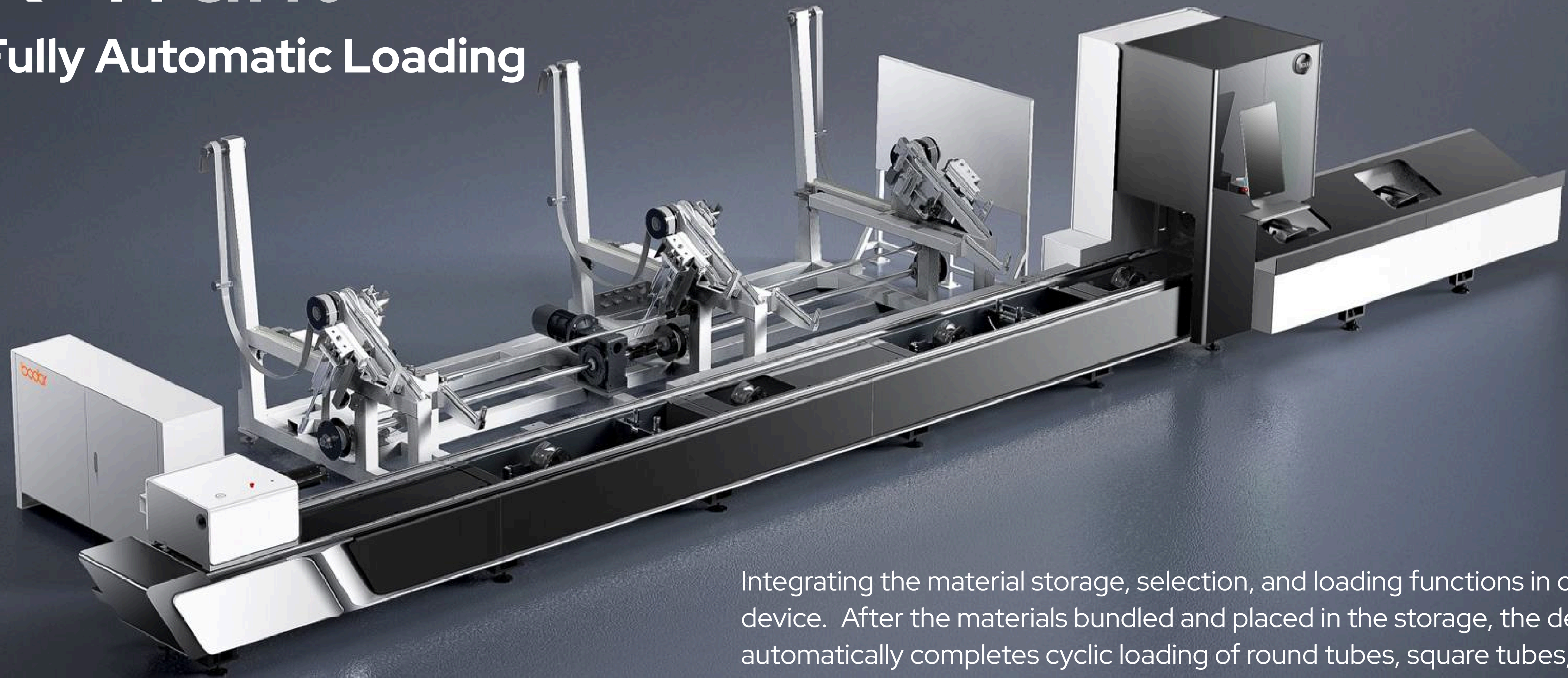


Integrating material table, material selection and material loading in one device. After placing the raw materials by station, the device is able to achieve the cyclic loading of round, square, rectangular tubes, channel and I-beam, which improves the processing efficiency and reduces the labor cost.

Optional

K-Trans

Fully Automatic Loading



Integrating the material storage, selection, and loading functions in one device. After the materials bundled and placed in the storage, the device automatically completes cyclic loading of round tubes, square tubes, and rectangular tubes, thereby enhancing user processing efficiency and reducing labor costs.

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.

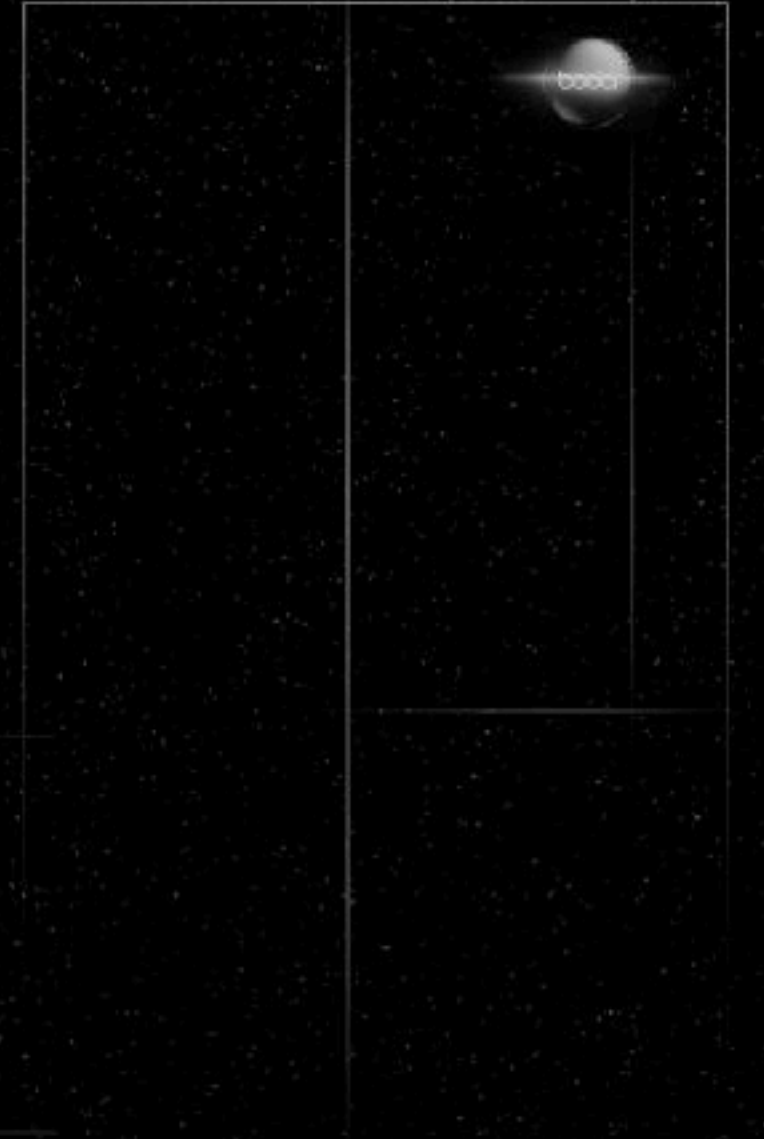


K Series Parameters

	K0	K1	K1 Plus	K2	K3	K5
Tube Size Range	Round Tube: $\Phi 6\text{mm} \sim \Phi 90\text{mm}$ Square Tube: $\square 6\text{mm} \sim \square 90\text{mm}$ Rectangular Tube: $6\text{mm} \leq \text{Side Length} \leq 90\text{mm}$ Angle Steel And Channel Steel Longest Side $\leq 60\text{mm}$	Round Tube: $\Phi 6\text{mm} \sim \Phi 120\text{mm}$ Square Tube: $\square 6\text{mm} \sim \square 110\text{mm}$ Rectangular Tube: $6\text{mm} \leq \text{Side Length} \leq 110\text{mm}$ Angle Steel And Channel Steel Longest Side $\leq 80\text{mm}$	Round Tube: $\Phi 6\text{mm} \sim \Phi 160\text{mm}$ Square Tube: $\square 6\text{mm} \sim \square 160\text{mm}$ Rectangular Tube: $6\text{mm} \leq \text{Side Length} \leq 160\text{mm}$ Angle Steel/Channel Steel: $35\text{mm} \leq \text{Side Length} \leq 80\text{mm}$	Round Tube: $\Phi 8\text{mm} \sim \Phi 230\text{mm}$ Square Tube: $\square 8\text{mm} \sim \square 230\text{mm}$ Rectangular Tube: $8\text{mm} \leq \text{Side Length} \leq 230\text{mm}$ Angle Steel: 2#~14#; Channel Steel: 5#~14#	Round Tube: $\Phi 25\text{mm} \sim \Phi 356\text{mm}$ Square Tube: $\square 25\text{mm} \sim \square 356\text{mm}$ Rectangular Tube: $25\text{mm} \leq \text{Side Length} \leq 356\text{mm}$ Angle Steel: 3#~22#; Channel Steel: 5#~22#	Round Tube: $\Phi 150\text{mm} \sim \Phi 500\text{mm}$ Square Tube: $\square 150\text{mm} \sim \square 500\text{mm}$ Rectangular Tube: $150\text{mm} \leq \text{Side Length} \leq 500\text{mm}$ Angle Steel: 15#~25#; Channel Steel: 15#~40#
Max. Tube Length	6500mm	6500mm	6500mm	6500mm/9200mm	6500mm/9200mm/ 12000mm	12000mm
Max. Tube Weight	70kg	80kg	200kg	300kg	500kg	1200kg
Repositioning Accuracy	0.03mm	0.03mm	0.03mm	0.03mm	0.03mm	$\pm 0.03\text{mm}$
Max. Chuck Rotation Speed	150r/min	135r/min	110r/min	100r/min	85r/min	40r/min
Max. No-Load Moving Speed	120m/min	103m/min	90m/min	90m/min	90m/min	45m/min
Min. Remnants	40mm	40mm	40mm	70mm	85mm	500mm
Seamless Perforation	●	●	●	●	●	●
Biomimetic Roller	●	●	●	●	●	Follow-Up Roller
Tube Cross-Sectional Shape						

4000+ Users' Choice

For every 100 economical tube laser cutting machines sold in the world, 10+ of them are the K Series.



bodor

Dare to dream