

Bodor **N** Series

Professional Model | Tube Laser Cutting Machine



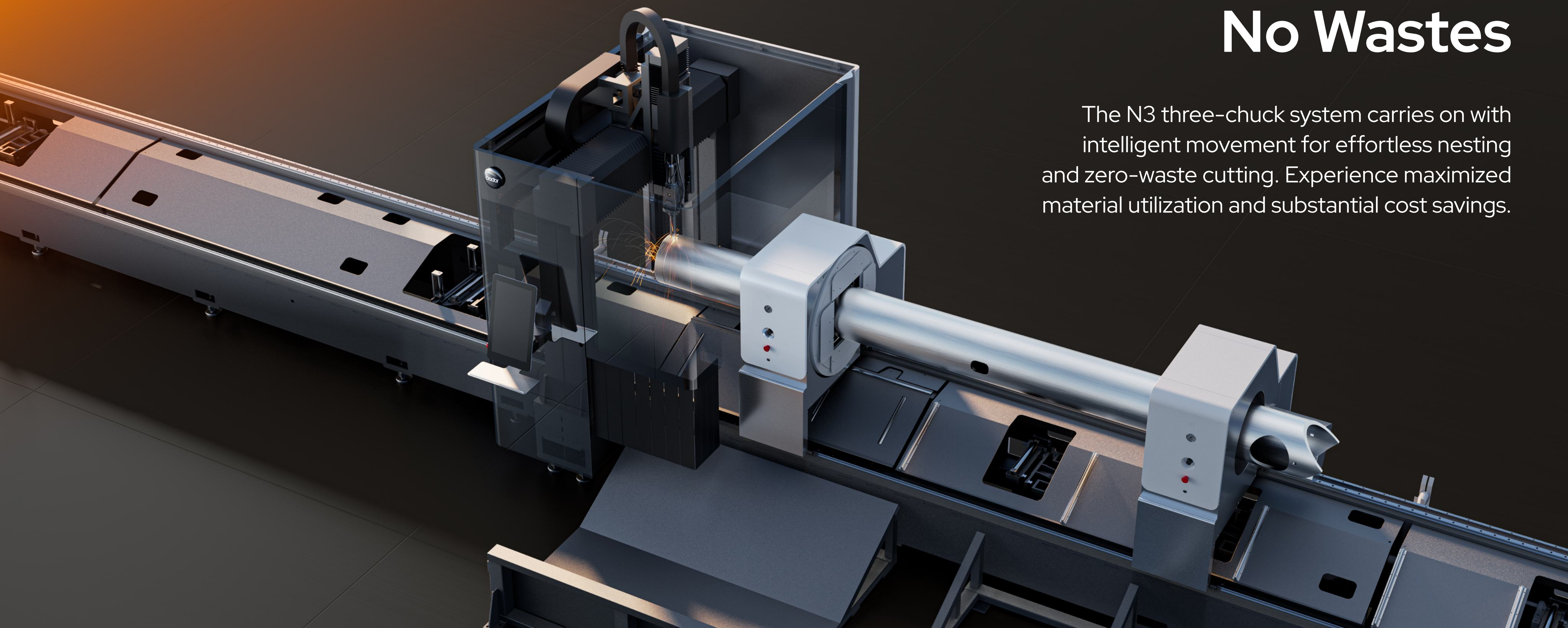


The Comprehensive Master Redefining 3 Chucks Standard

Bodor N3 redefines industry standards with unmatched performance. Combining the best of its class, it meets all your expectations for material utilization, cutting precision, efficiency, and stability.

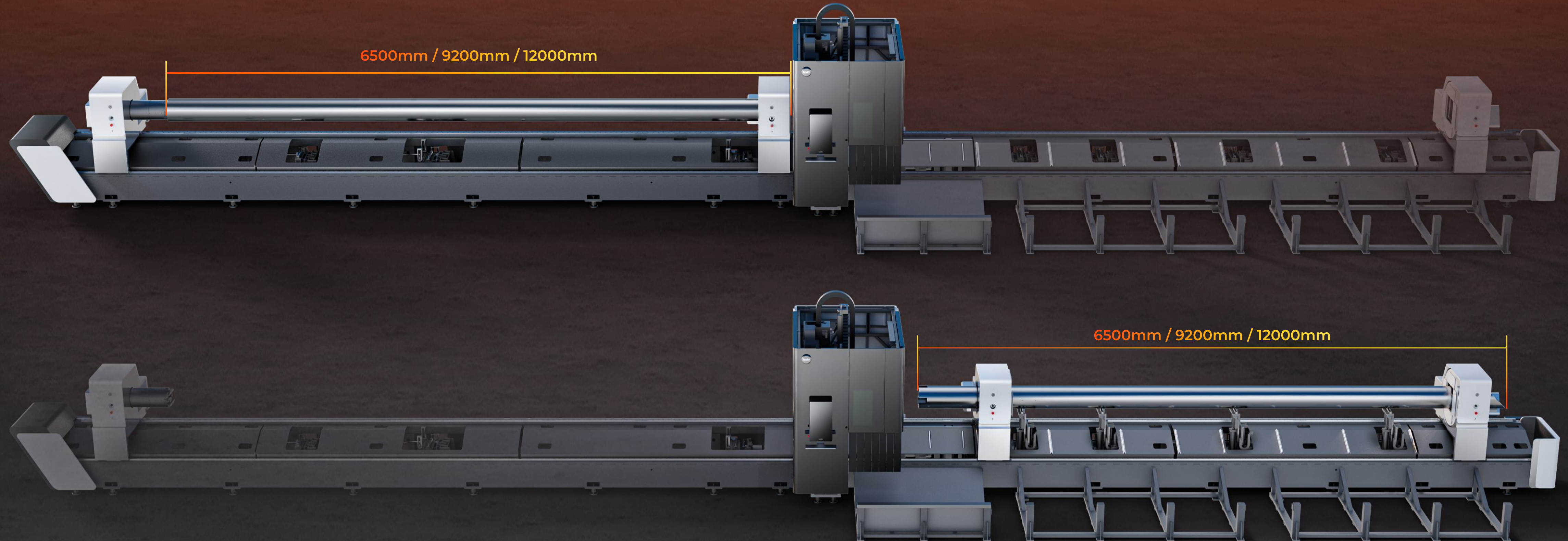
Three Chucks No Wastes

The N3 three-chuck system carries on with intelligent movement for effortless nesting and zero-waste cutting. Experience maximized material utilization and substantial cost savings.



Full Tube Processing Stress-Free Cutting

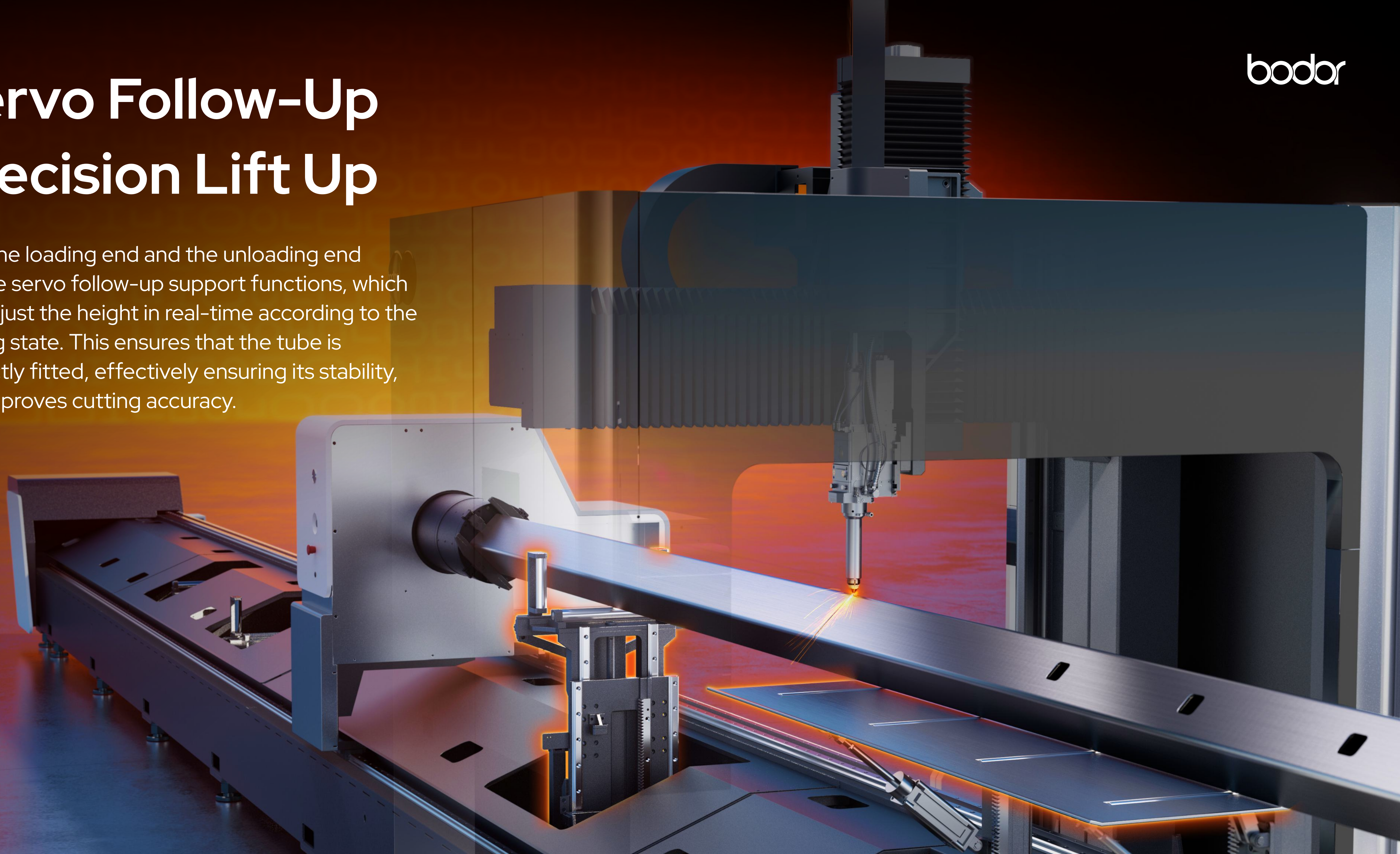
The N3 Series can achieve loading and unloading of all types of whole tubes. It can easily clamp tubes of different shapes. The claw chuck, roller chuck and through-hole chuck work together to easily clamp beveled tubes.



Servo Follow-Up Precision Lift Up

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Both the loading end and the unloading end feature servo follow-up support functions, which can adjust the height in real-time according to the cutting state. This ensures that the tube is perfectly fitted, effectively ensuring its stability, and improves cutting accuracy.



Inclined Bed Frame Load/Unload at Ease

Compared to the horizontal bed frame, the inclined bed frame makes loading and unloading more convenient. Raw tubes can be easily loaded via the slope, and workpieces can smoothly slide down the slope into the material storage area, simplifying the operation process, improving efficiency, and enhancing safety.



Optional
Weld Seam Identification
Flexible Adaptation

Equipped with a high-sensitivity ultra-clear camera and AI self-learning function, N3 precisely identifies weld seam positions, enabling cutting avoidance.

Optional Bevel Cutting Simplifies Post-Welding

After the tube is cut with the optional bevel cutting, it can be directly used for welding, reducing post-welding processing work such as grinding. This makes welding easier and improves production efficiency.

Optional

Auxiliary Loading Devices More Flexible Processing

N3 Series's optional auxiliary loaders can significantly enhance your cutting efficiency and reduce labor costs, making your production more streamlined.



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.





Professional Model | Profile Steel Laser Cutting Machine

Applicable Industries

Widely applied in engineering machinery, steel structures, metal processing, agricultural machinery, transportation vehicle manufacturing, railway bridges, oil and gas pipelines and other industries.





N Series Parameters

N3	
Tube Size Range	Round Tube:Φ25~Φ356mm ； Square Tube:□25~□356mm Rectangular Tube:25mm≤Side Length≤356mm Angle Steel:3#~22# ； Channel Steel:5#~22# I-Beam ：10#~22#； H-Beam：10#~22#； Maximum Clamping Capacity: 32# (With Optional Open-Type Chuck Jaws)
Laser Source Power	6000-12000W
Max. Tube Length	6500mm/9200mm/12000mm
Max.Unloading Tube Length	6500mm/9200mm/12000mm
Max. Tube Weight	1200kg
Max. Chuck Rotating Speed	60r/min
Max. No-Load Moving Speed	60m/min
Shortest Remaining	No Waste of Materials
Servo Follow Up Roller	☒
Servo-Flipping Unloading	☒
Tube Cutting Machine Bevel Cutting	☐
Auxiliary Loading Devices	☐

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Dare to dream