

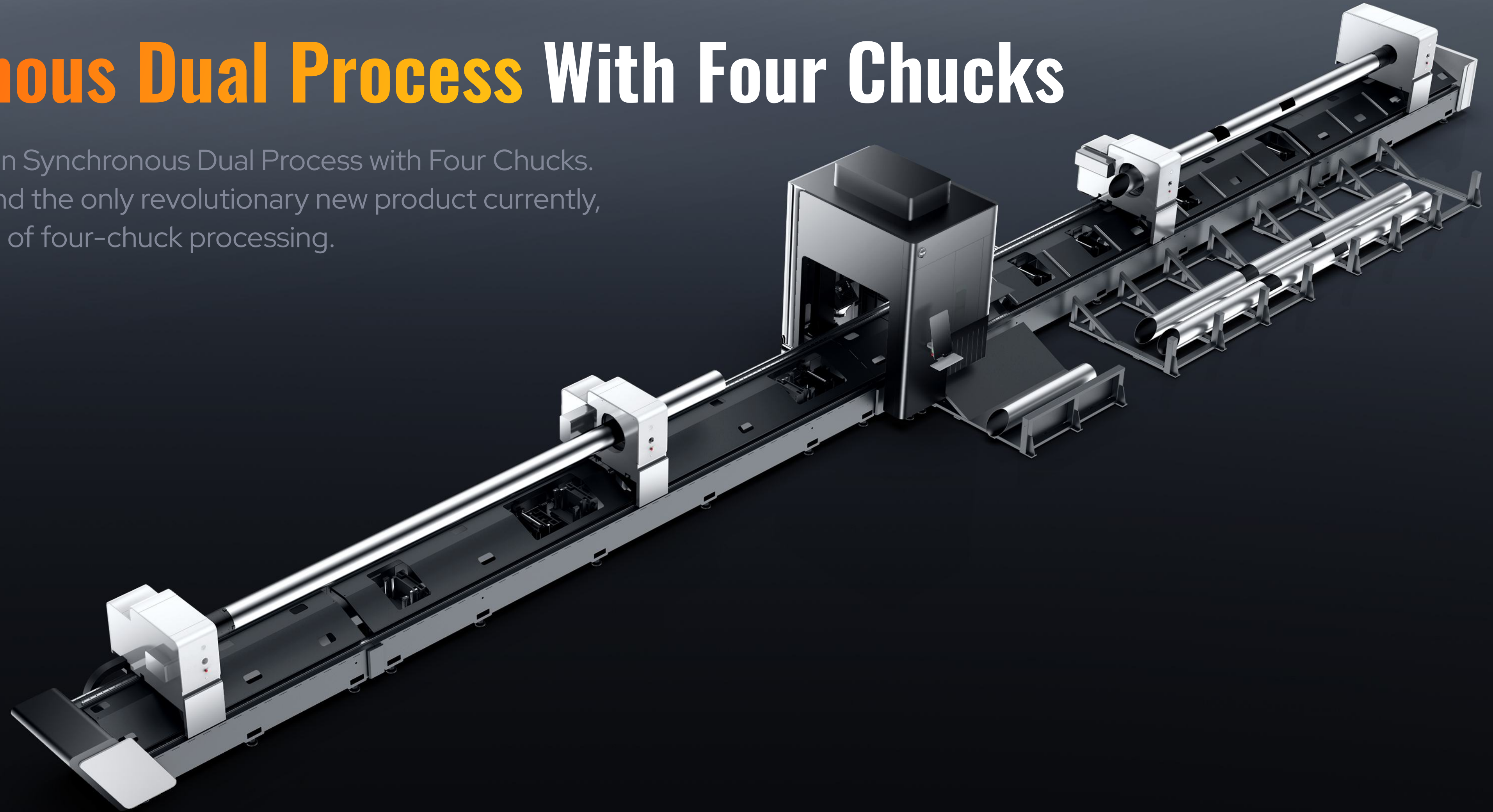
# Bodor M Series

Flagship | Tube Laser Cutting Machine



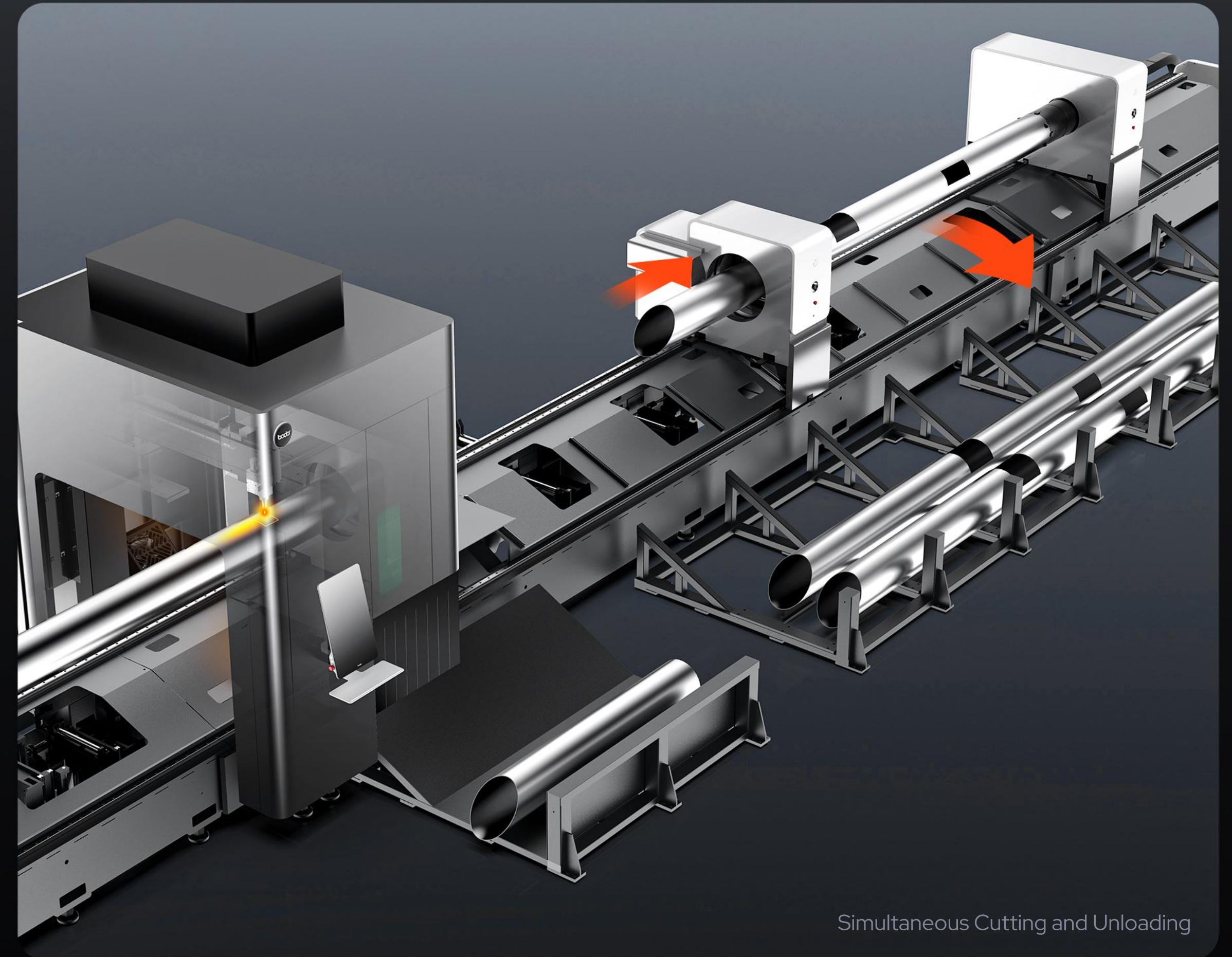
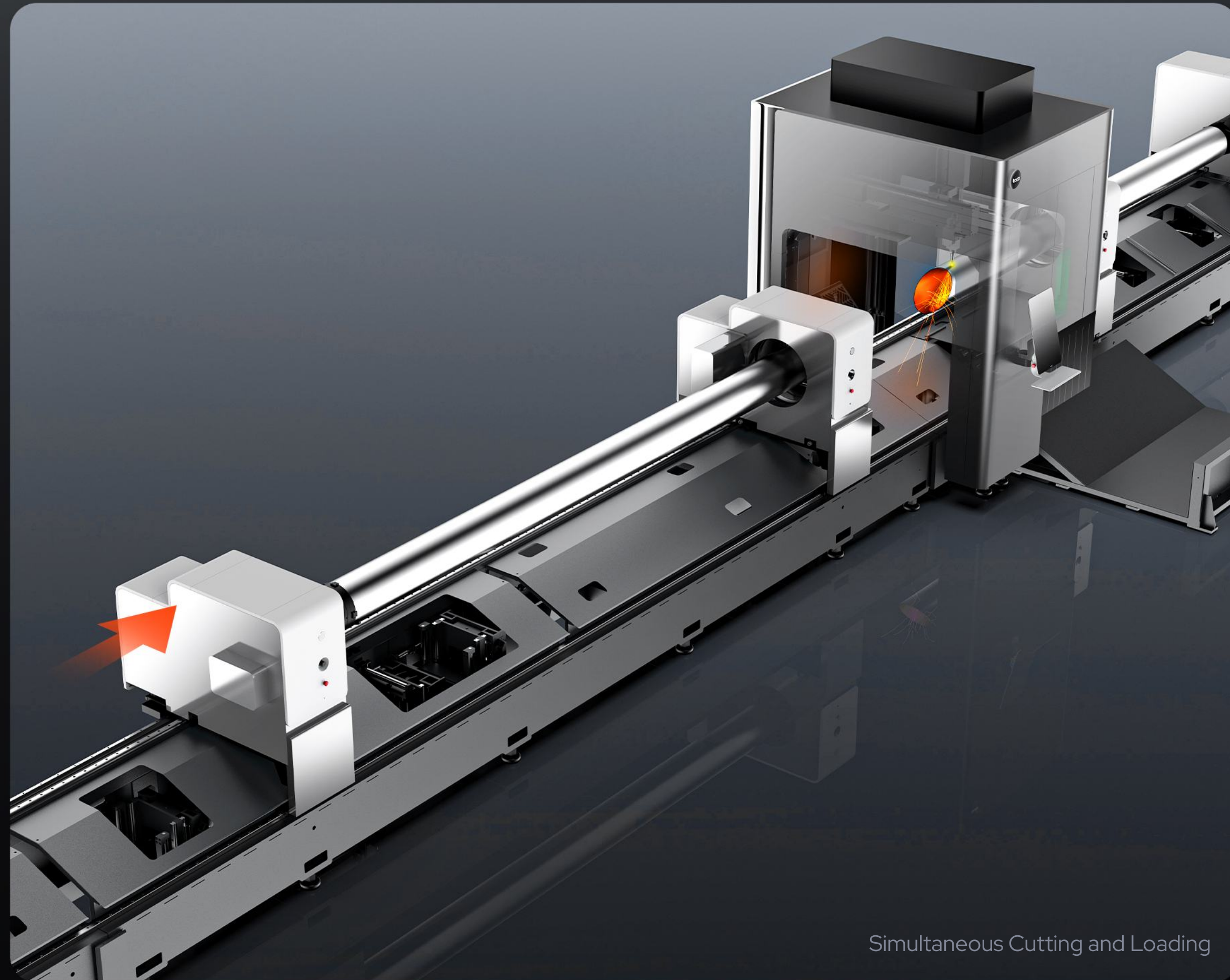
# Zero Waste Material In Synchronous Dual Process With Four Chucks

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The industry's first and the only revolutionary new product currently,  
ushering in a new era of four-chuck processing.



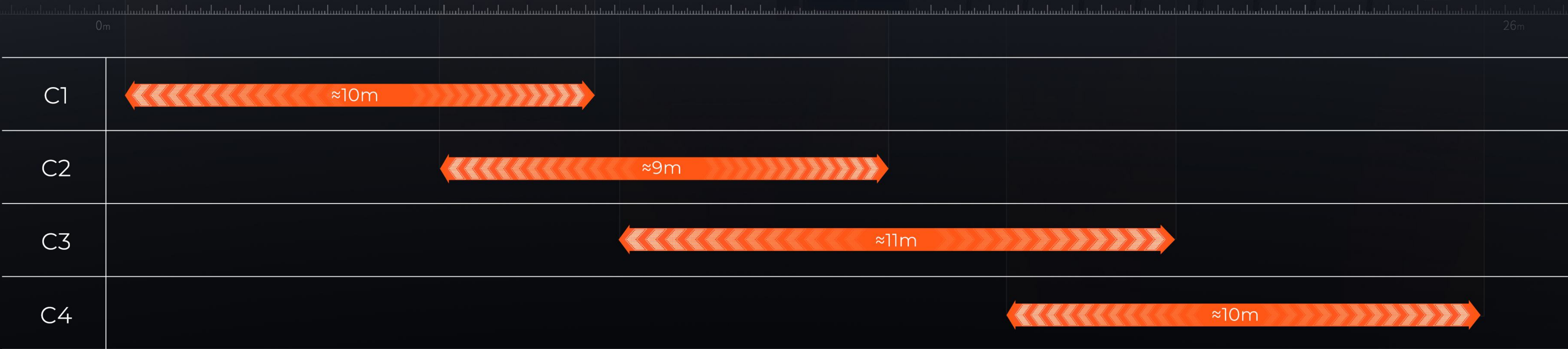
# Simultaneous Cutting, Loading, And Unloading

Completely revolutionize the process and efficiency. When cutting tubes, it can simultaneously initiate a new round of loading or finish the previous unloading, bringing about an unprecedentedly efficient and smooth processing experience.



# Intelligent Cutting Modes Switching For All Processing Scenario

According to different working conditions, the four chucks achieve intelligent pairing and automatically switch processing modes, perfectly adapting to any processing scenario to ensure optimal processing results. Heavy Tube Processing Mode, Efficient Cutting Mode and Zero Waste Material Cutting Mode switch intelligently to handle the full processing scenarios.



Chucks Switching Range

# Four-Chuck Processing **For Truly 0 Waste Material**

With the four-chuck structure, when cutting the last section of any length of material, it can move the material forward or backward, truly achieving zero excess material cutting.



# Automatic Cutting and Unloading **with 0 Safety Risks**

Adopting the four-chuck structure, the entire cutting and unloading process requires no manual intervention, completely eliminating safety risks.



# Servo-flipping Unloading

## Precision Further Elevated

Utilizing a new form of servo-flipping unloading, reducing the workpiece's movement during cutting and further enhancing cutting accuracy. Automatic material sorting and unloading save both time and effort.



Optional  
**Weld Seam Identification**  
**Flexible Adaptation**

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

M5

bodor



# Single-station **Full-automatic** **Loading and Unloading**

The standard configuration of single-station loading and unloading device enables cyclic loading of tubes. The speed is increased by more than double compared to manual loading.

The M5 comes standard with this function.

M2



M3



M5



# 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.





Flagship | Laser Tube Cutting Machine

# Applicable Industries

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



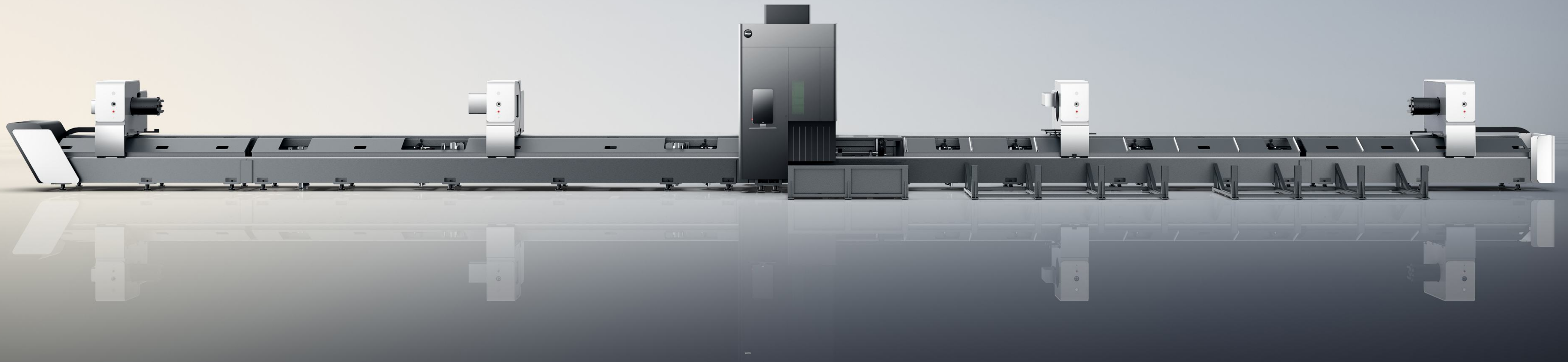


# M Series Parameters

|                                     | M2                                                                                                                                   | M3                                                                                                                                      | M5                                                                                                                                      |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Tube Size Range                     | Round Tube:Φ8~Φ230mm<br>Square Tube:□8~□230mm<br>Rectangular Tube:8mm≤Side Length≤230mm<br>Angle Steel:2#~14# ； Channel Steel:5#~14# | Round Tube:Φ25~Φ356mm<br>Square Tube:□25~□356mm<br>Rectangular Tube:25mm≤Side Length≤356mm<br>Angle Steel:3#~22# ； Channel Steel:5#~22# | Round Tube:Φ80~Φ510mm<br>Square Tube:□80~□510mm<br>Rectangular Tube:80mm≤Side Length≤510mm<br>Angle Steel:8#~25# ； Channel Steel:8#~40# |
| Max. Tube Length                    | 6500mm                                                                                                                               | 6500mm/9200mm/<br>12500mm/15200mm                                                                                                       | 12500mm                                                                                                                                 |
| Max. Tube Weight                    | 300kg                                                                                                                                | 1200kg                                                                                                                                  | 2000kg                                                                                                                                  |
| Max. Chuck Rotating Speed           | 110r/min                                                                                                                             | 60r/min                                                                                                                                 | 37r/min                                                                                                                                 |
| Max. No-Load Moving Speed           | 110m/min                                                                                                                             | 60m/min                                                                                                                                 | 34m/min                                                                                                                                 |
| Shortest Remaining                  | No Waste of Materials                                                                                                                | No Waste of Materials                                                                                                                   | No Waste of Materials                                                                                                                   |
| Max.Unloading Tube Length           | 3500mm/6500mm                                                                                                                        | 6500mm/9200mm/<br>12500mm/15200mm                                                                                                       | 12500mm                                                                                                                                 |
| Number of Chucks                    | 4                                                                                                                                    | 4                                                                                                                                       | 4                                                                                                                                       |
| Intelligent Adaptive Feeding Roller | ●                                                                                                                                    | ●                                                                                                                                       | ●                                                                                                                                       |
| Servo-Flipping Unloading Rack       | ●                                                                                                                                    | ●                                                                                                                                       | ●                                                                                                                                       |
| Tube Cutting Machine Bevel Cutting  | ○                                                                                                                                    | ○                                                                                                                                       | ○                                                                                                                                       |
| Dual Process Parallel Processing    | ●                                                                                                                                    | ●                                                                                                                                       | ●                                                                                                                                       |

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Dare to dream