

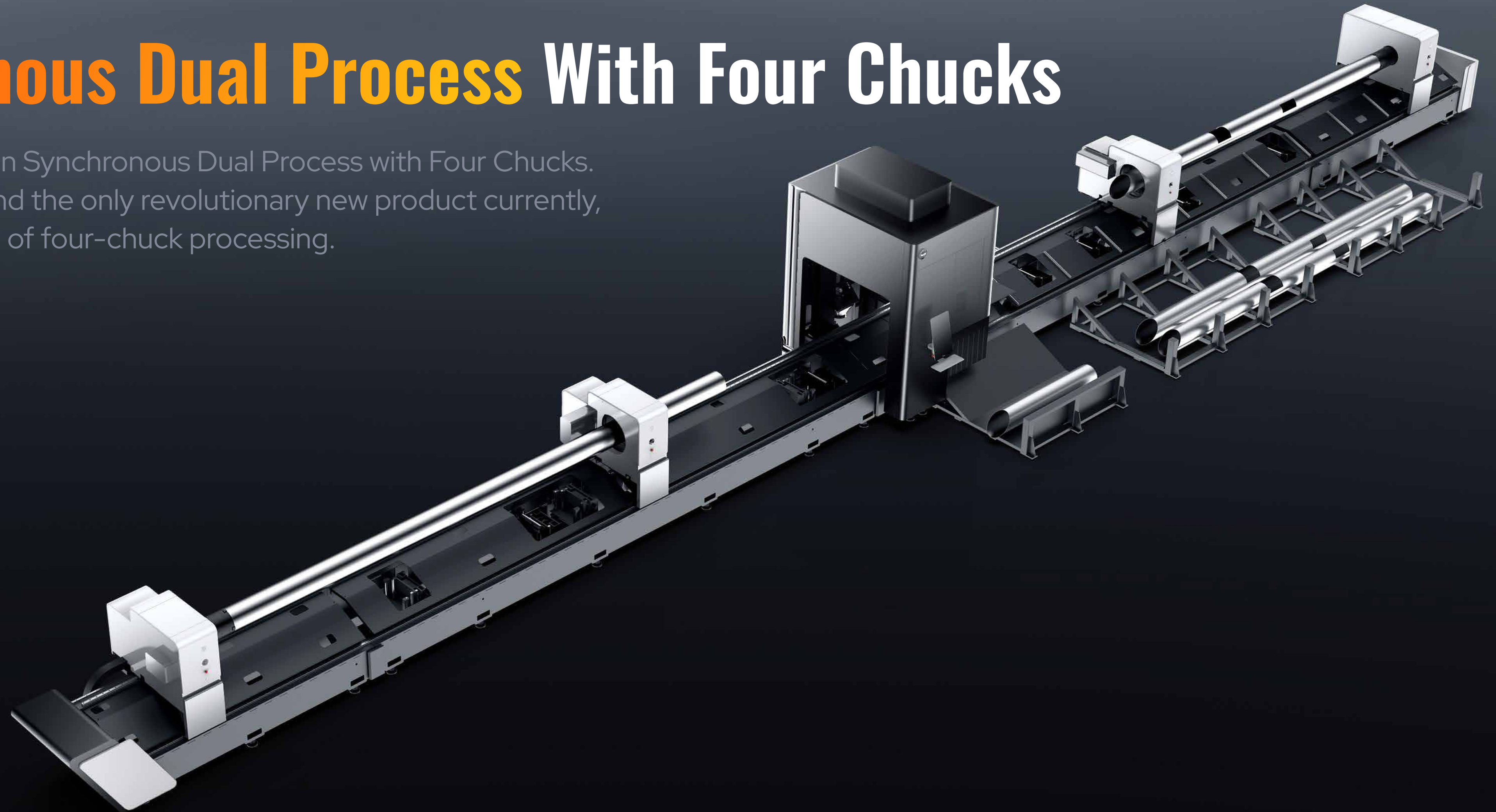
Bodor **M** Series

Flagship | Tube Laser Cutting Machine



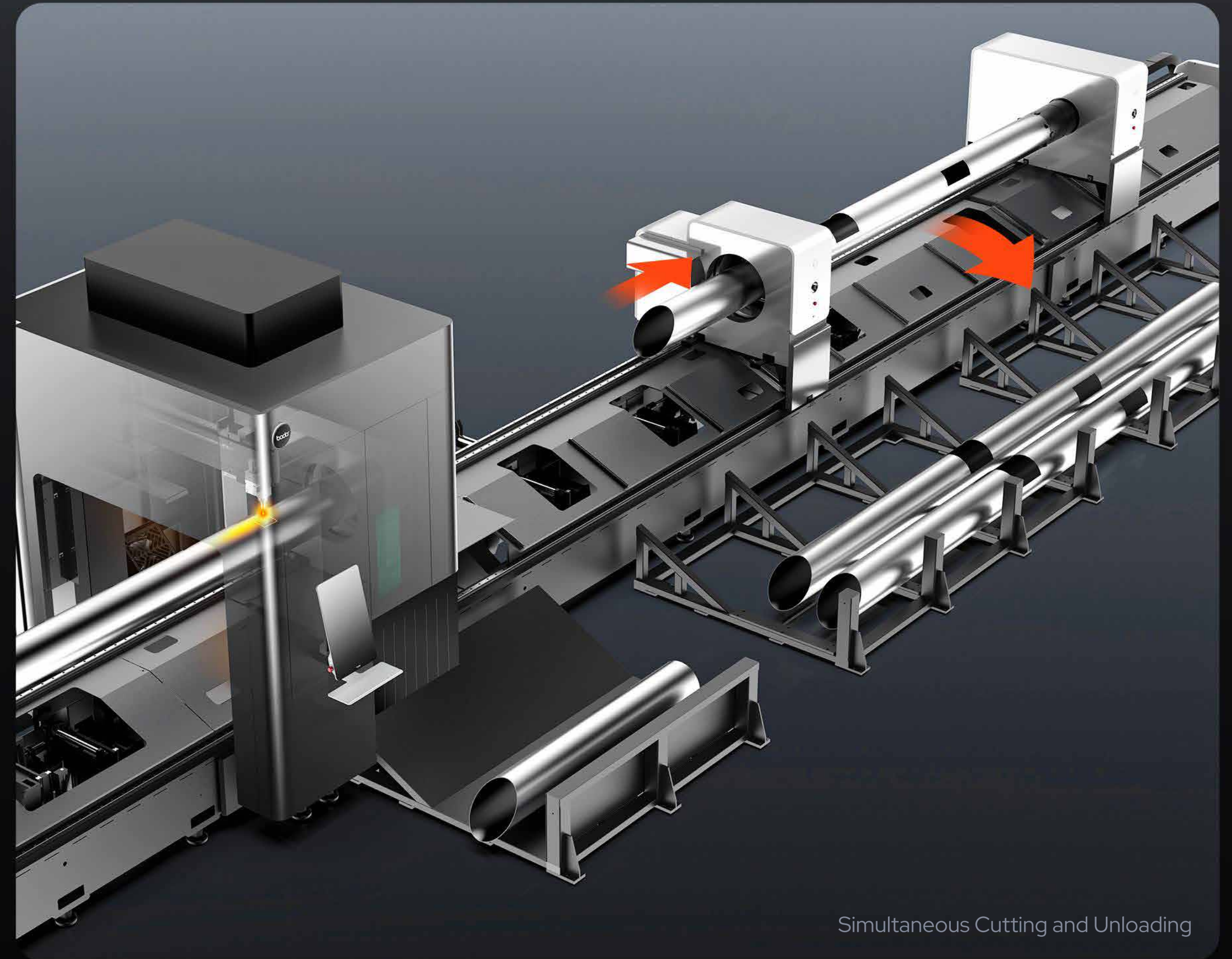
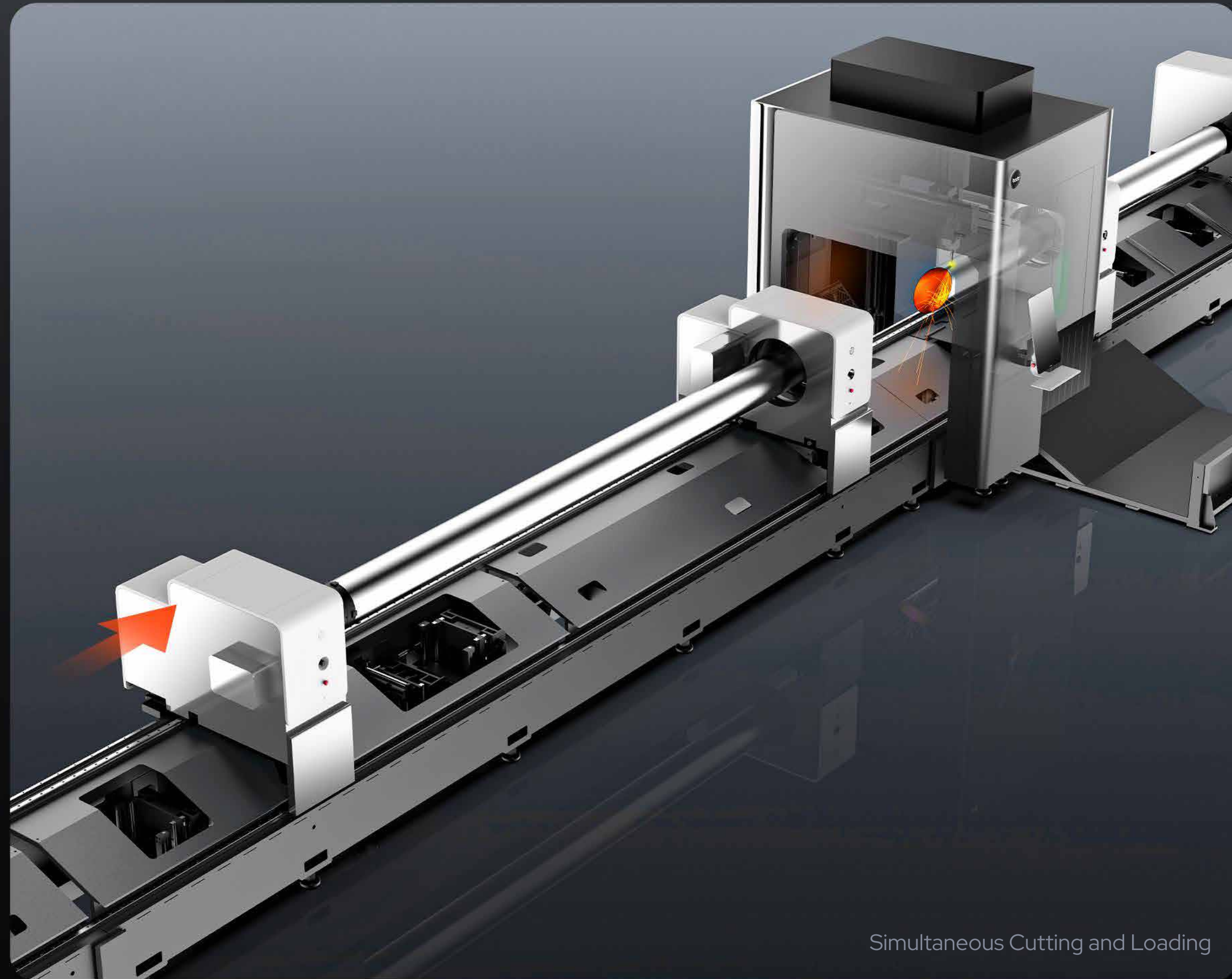
Zero Waste Material In Synchronous Dual Process With Four Chucks

Zero Waste Material in Synchronous Dual Process with Four Chucks.
The industry's first and the only revolutionary new product currently,
ushering in a new era of four-chuck processing.



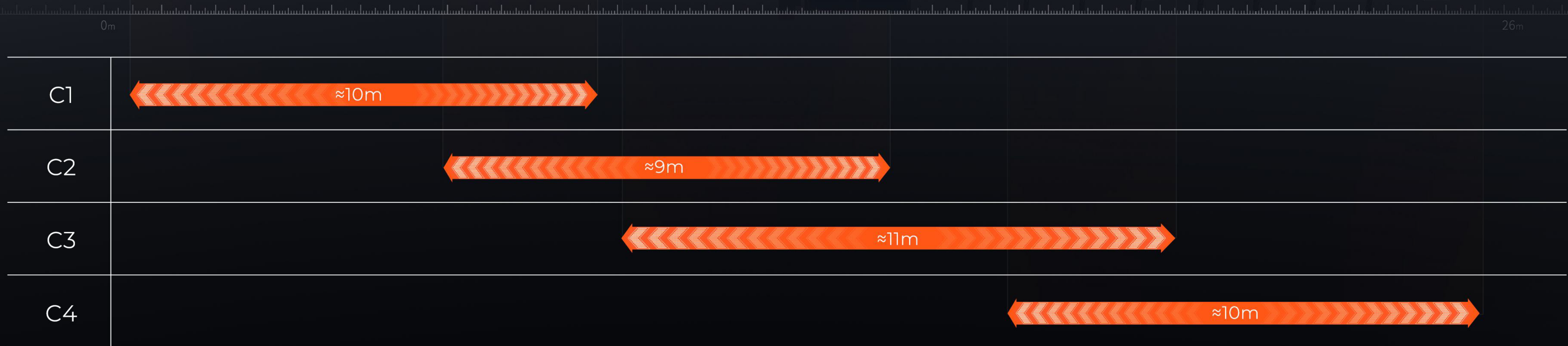
Simultaneous Cutting, Loading, And Unloading

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.



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



M Series Parameters



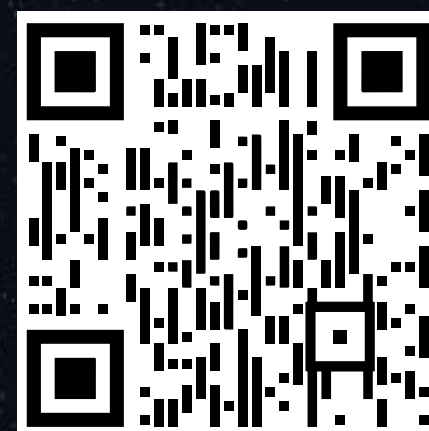
	M2	M3	M5
Tube Size Range	Round Tube:Φ8~Φ230mm Square Tube:□8~□230mm Rectangular Tube:8mm≤Side Length≤230mm Angle Steel:2#~14# ; Channel Steel:5#~14#	Round Tube:Φ25~Φ356mm Square Tube:□25~□356mm Rectangular Tube:25mm≤Side Length≤356mm Angle Steel:3#~22# ; Channel Steel:5#~22#	Round Tube:Φ80~Φ510mm Square Tube:□80~□510mm Rectangular Tube:80mm≤Side Length≤510mm Angle Steel:8#~25# ; Channel Steel:8#~40#
Max. Tube Length	6500mm	6500mm/9200mm/ 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/ 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	●	●	●

Zero Waste Material In Synchronous Dual Process With Four Chucks

Zero Waste Material in Synchronous Dual Process with Four Chucks.
The industry's first and the only revolutionary new product currently, ushering in a new era of four-chuck processing.



bodor



Jože Kopinja
T: +386 41 701 426
E: joze.kopinja@x-las.si
X-LAS d.o.o.
Trimlini 2K
SI-9220 Lendava
www.x-las.si