

# Mega4-3D



## Heavy Duty Fiber Laser Tube Cutting Machine

### Mega series



### Automation

Automatic Loading And Unloading

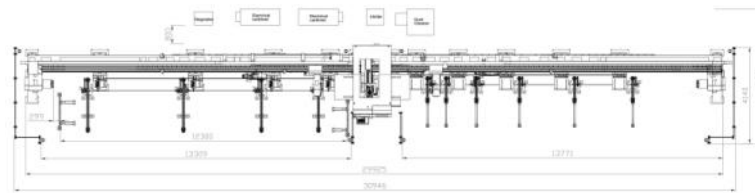
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Zero Scrap

### Bevel Cutting

±45°

The Mega4-3D is a high-end tube-cutting equipment with a 4-chuck configuration, specifically designed for cutting applications involving oversized, overweight, and extra-long tubes. It features exceptional and stable tube clamping and cutting capabilities, and is also capable of automated loading and unloading of heavy tubes, along with bevel cutting functionality.



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Website

Youtube

#### Zero Scrap

- The four-chuck system can move freely and supports cutting with various chuck combinations, including 2-chuck, 3-chuck, and 4-chuck configurations. By enabling reversed cutting of tubes, zero scrap cutting can be easily achieved, greatly improving material utilization and saving costs.

#### Automated Processing

- Equipped with an advanced chain-type loading/unloading mechanism, the equipment enables effortless automated handling of heavy tubes, facilitating automated cutting and significantly boosting production efficiency and processing capacity.

#### Flexible Collection

- Using a floating flip-plate design, it seamlessly integrates with chain unloaders for smooth, orderly collection of cut workpieces, big or small, heavy or light.

#### Bevel Cutting

- With a tilting cutting head and advanced CNC system, Mega4-3D significantly enhances bevel cutting capabilities for heavy tubes, greatly expanding its application scope and offering users more processing flexibility.



Technical Parameters	Mega4-3D
Processing tube Specifications	round tube : Ø20mm-350mm square tube : 20mm*20mm-350mm*350mm
Maximum Length Of Processing Pipe	12000mm
Maximum Acceleration	0.8 G
Maximum Positioning Speed	60m/min
Positioning Accuracy	0.1mm/m
Power Range	3000w~12000w
Range Of Loading tube Lengths	4500mm-12000mm
Maximum Weight Capacity per Single Pipe	1.2T
Specifications for Automatic Loading tubes	round tube : Ø20mm-350mm square tube : 20mm*20mm-240mm*240mm
Overall Weight Capacity Of The Loading Machine	3t
Maximum Length Of Unloaded Workpieces	12000mm
Maximum Rotation Speed	75r/min
Bevel Cutting Angle	±45°

※The above equipment parameters are for the Mega4-3D 350 chuck model with a 12-meter loading and unloading capacity.