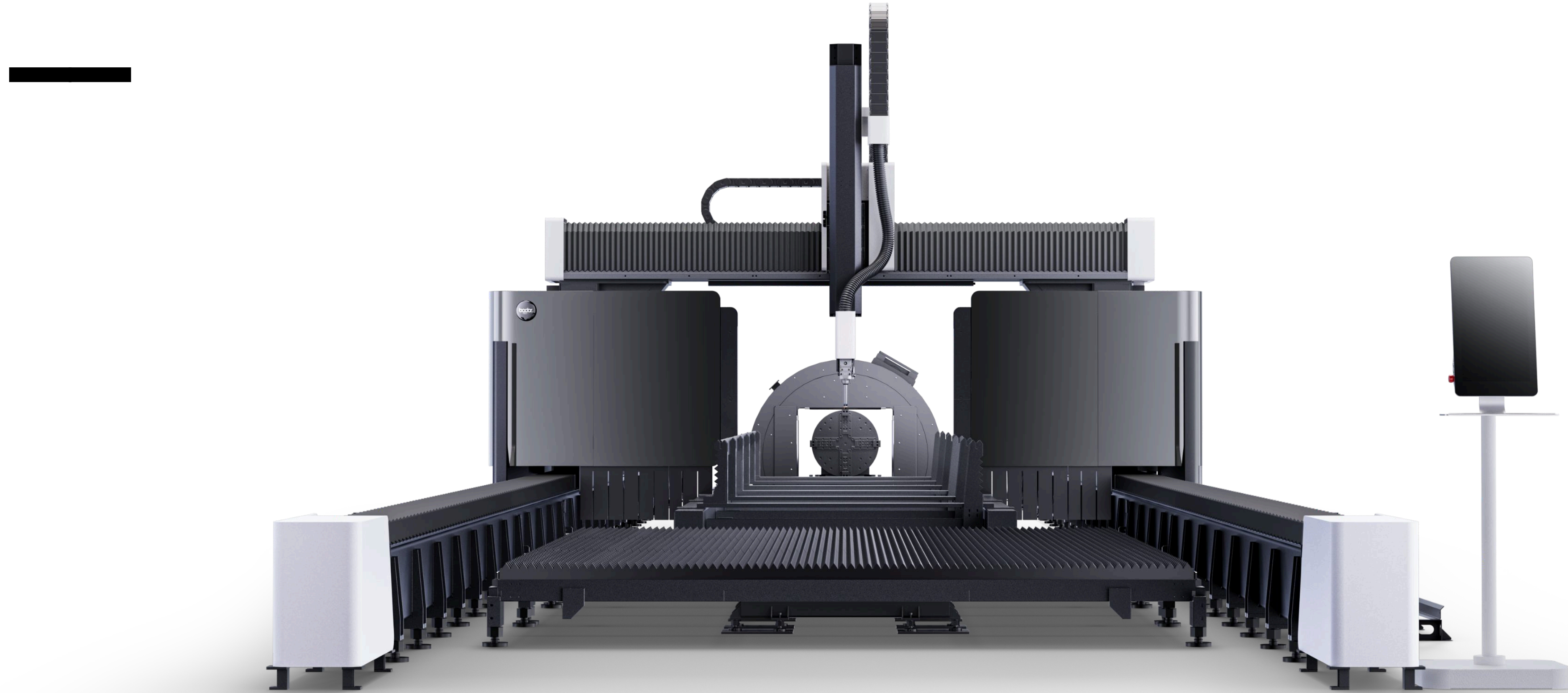


Bodor U Series

Professional Model | Composite Laser Cutting Machine



One Machine All You Need

The all-round expert in steel structure processing—
no matter the type of profile, tube, or sheet, U3000 handles them all with ease.



*Variable-section beam processing is optional.

Profiles, Sheets, Tubes All In Your Grip **Profiles**

U3000 can handle profiles up to 1500 mm wide, 600 mm high, and 40,000 mm long. From standard to special-shaped steel, it delivers one-stop processing — hole cutting, beveling, notching, marking, and sectioning all in one go.

*Profile support device is available as an option.

Profiles, Sheets, Tubes All In Your Grip **Sheets**

With the blade table equipped, U3000 can perform hole cutting, vertical cutting, and bevel cutting on plates.

*Table length is customizable within 40,000 mm.

Profiles, Sheets, Tubes All In Your Grip **Tubes**

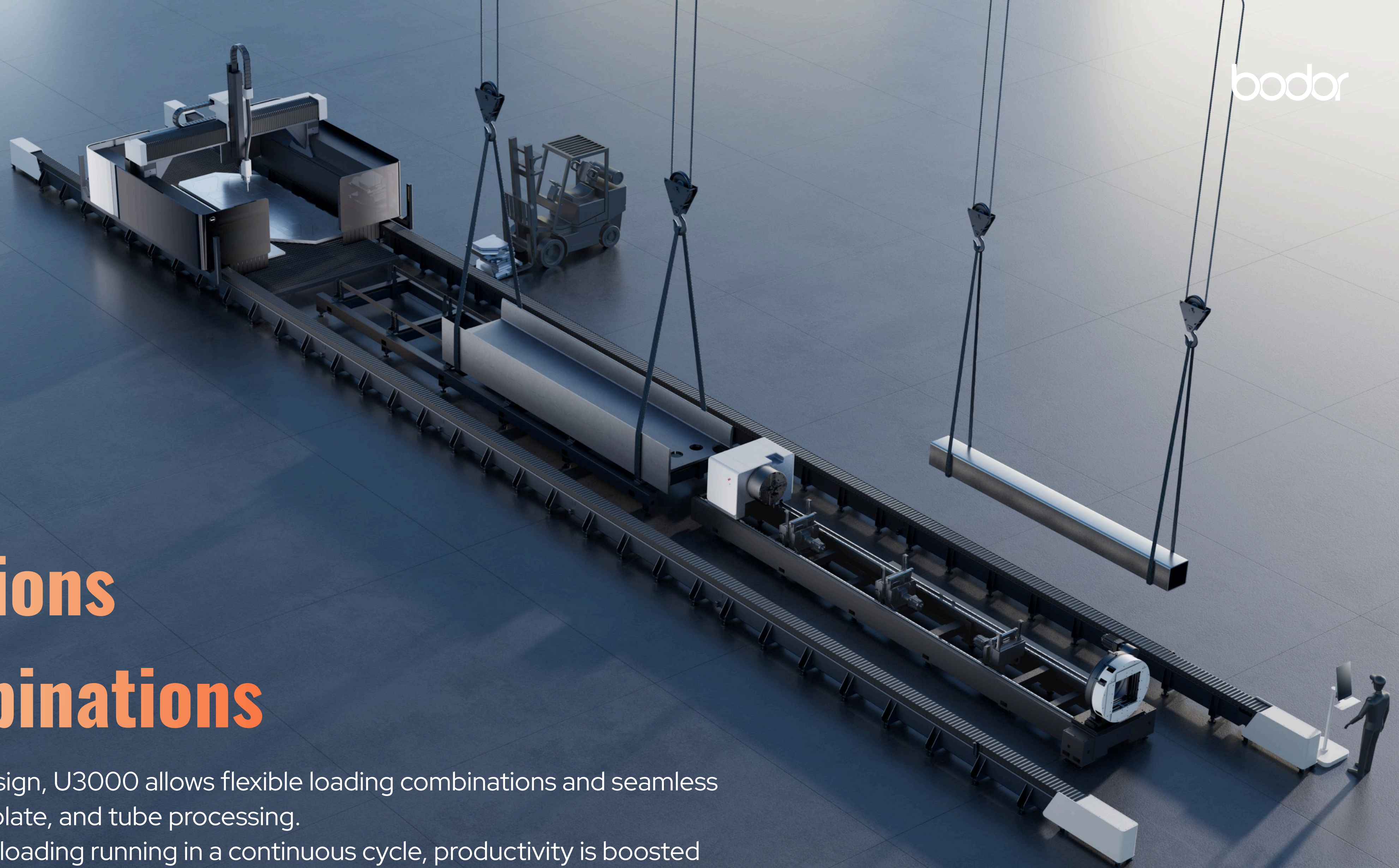
With the tube processing unit equipped, U3000 can perform hole cutting, bevel cutting, intersection cutting, and sectioning on round tubes with diameters from $\Phi 200$ mm to $\Phi 1200$ mm.

*Round tube processing unit is optional.

Profiles, Sheets, Tubes All In Your Grip **Tubes**

With the tube processing unit equipped, U3000 can perform hole cutting, bevel cutting, intersection cutting, and sectioning on square and round tubes with diameters ranging from 50 mm to 850 mm.

*Square tube processing unit is optional.

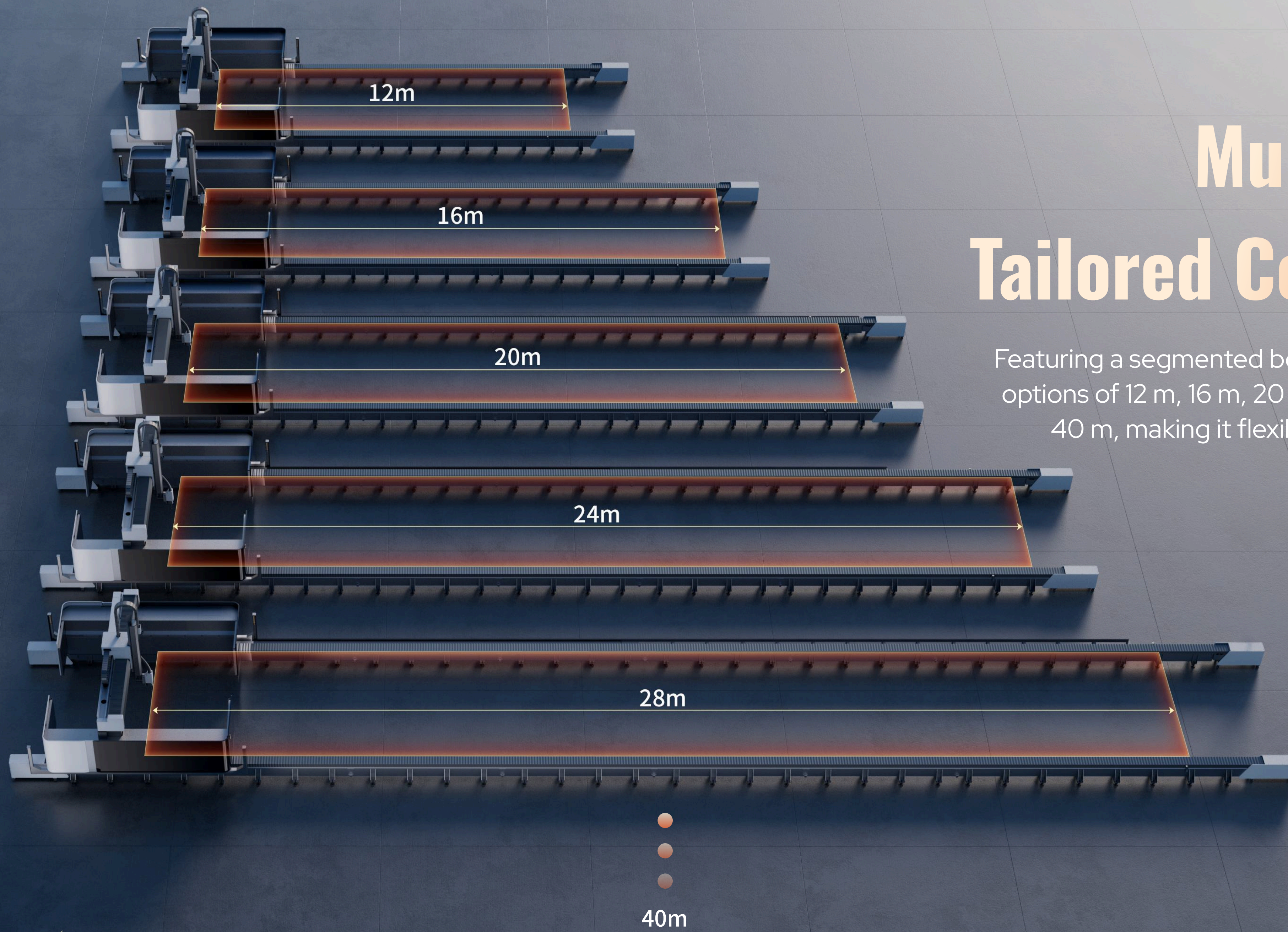


Triple Stations More Combinations

Featuring a three-station design, U3000 allows flexible loading combinations and seamless transitions between profile, plate, and tube processing. With loading, cutting, and unloading running in a continuous cycle, productivity is boosted by up to two times.

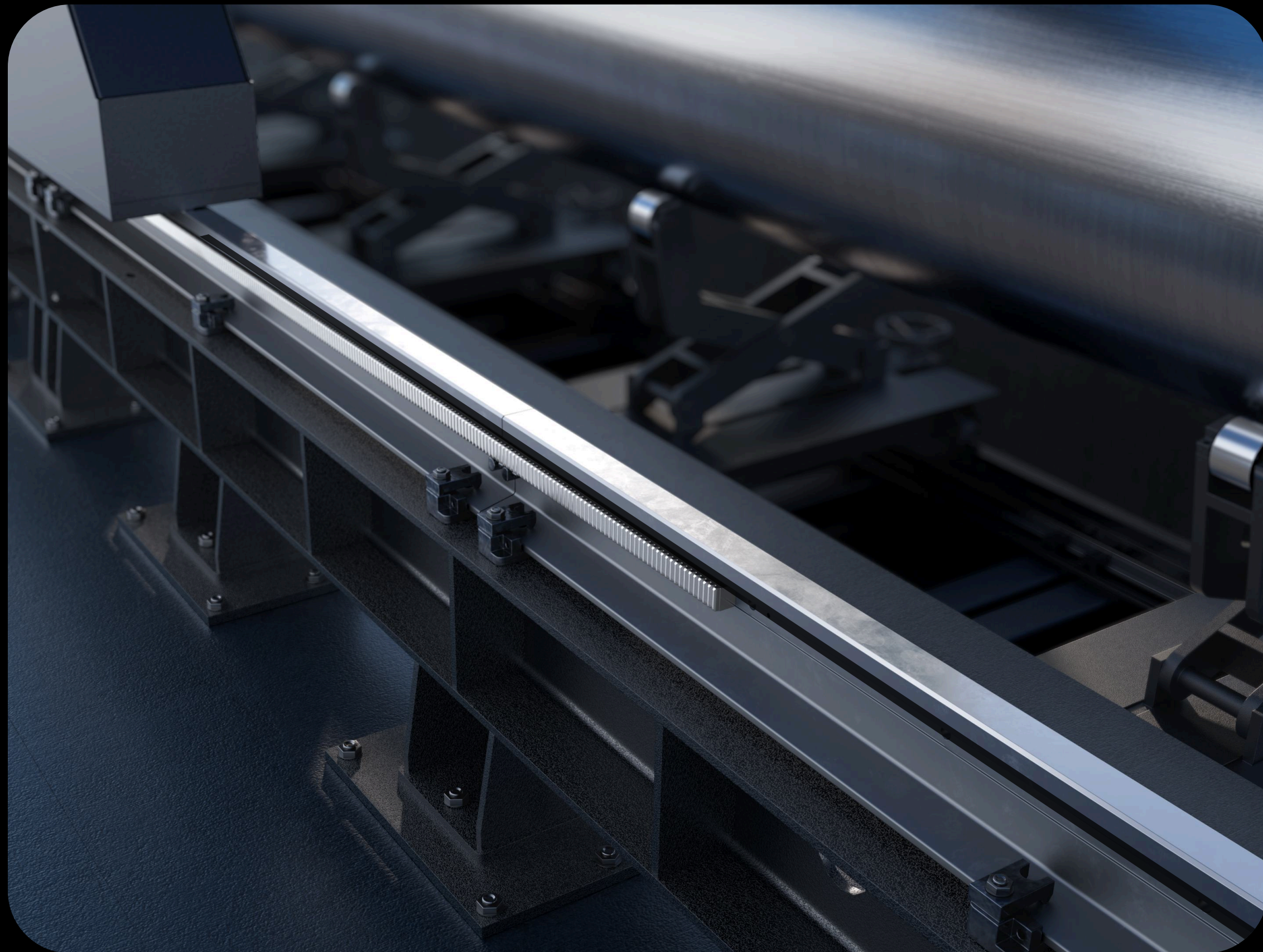
Multiple Beds, Tailored Configuration

Featuring a segmented bed design, U3000 offers length options of 12 m, 16 m, 20 m, 24 m, 28 m, 32 m, 36 m, and 40 m, making it flexibly adaptable to diverse factory spaces and production needs.

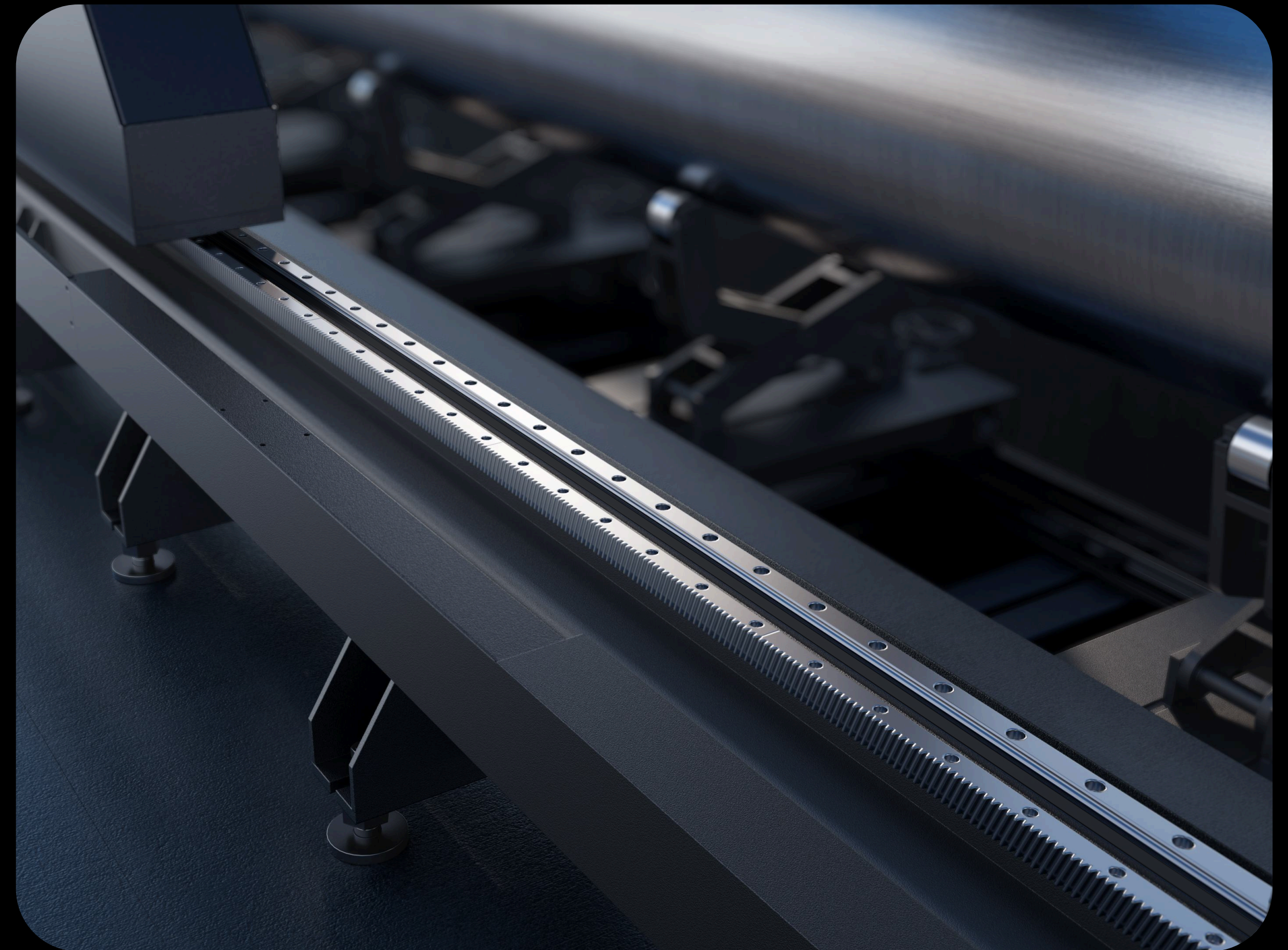


Two Guide Rails Freely Selectable

Two transmission options are available: heavy-duty guide rail and linear guide rail.



Heavy-duty guide rail: greater load capacity and stronger compression resistance (U3000).

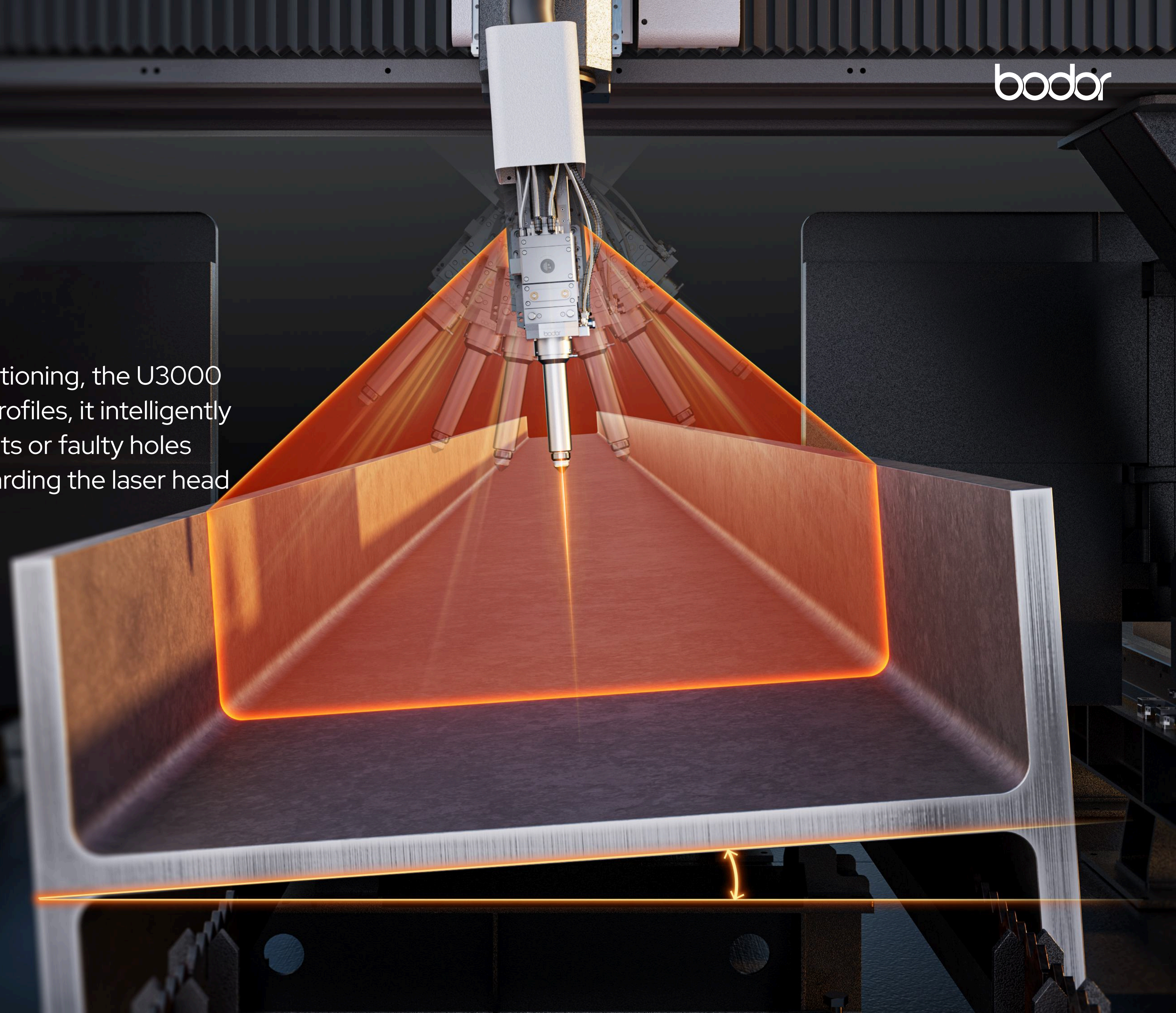


Linear guide rail: rapid traverse speed up to 80 m/min, offering higher speed and performance (U3000 Pro).

Optional

Fast Centering Smart Correction

Equipped with a line-scan laser for ultra-fast positioning, the U3000 boosts production efficiency. While processing profiles, it intelligently adjusts the cutting path to prevent misaligned cuts or faulty holes caused by displacement or deformation, safeguarding the laser head and ensuring smooth operation.



Tekla-Ready Design Instant Drawing Split

U3000 can automatically interface with Tekla software for instant drawing extraction and automatic generation of component processing codes, greatly improving efficiency compared to manual methods.



*For example, a simple processing drawing that takes 120 minutes to extract manually can be processed in just 2 minutes with one-click recognition – 60 times faster.

Ask Anything Get Every Answer

From product know-how and operation tips to feature guides, service support, and after-sales care—we've got you covered. Whatever you need to know, we have the answers.



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.

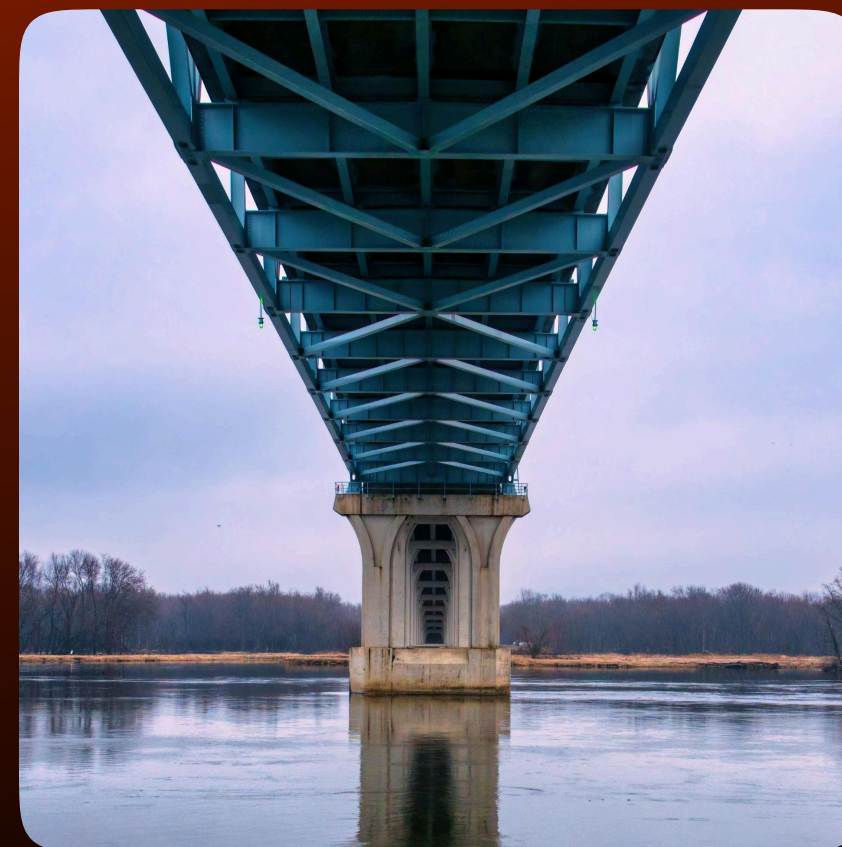




Professional Model | Composite Laser Cutting Machine

Applicable Industries

Widely applied in the steel structure, municipal pipeline, and construction machinery industries.



U Series Parameters

	U3000	U3000 Pro
Tube Cross-Sectional Shape	H-Beam, I-Beam, Channel Steel, Angle Steel, Metal Sheet, Square Tube, Round Tube, Variable Diameter Beams, Widened Wing Plates, Overhead Crane Beams, Longitudinal Beams For Vehicles, Flat-Bulb Steel	H-Beam, I-Beam, Channel Steel, Angle Steel, Metal Sheet, Square Tube, Round Tube, Variable Diameter Beams, Widened Wing Plates, Overhead Crane Beams, Longitudinal Beams For Vehicles, Flat-Bulb Steel
Tube Size Range	Profiles: 100x100mm-1500x600mm Metal Sheets: 3200x40000mm(Straight Cutting), 2800x40000mm(Bevel Cutting) Square Tubes + Round Tubes: 50-850mm Round Tubes Only: Φ200-1200mm	Profiles: 100x100mm-1500x600mm Metal Sheets: 3200x40000mm(Straight Cutting), 2800x40000mm(Bevel Cutting) Square Tubes + Round Tubes: 50-850mm Round Tubes Only: Φ200-1200mm
Max. Linkage Speed Of X And Y Axes	50m/min	80m/min
Max. Acceleration	0.5G	0.55G
Max. Tube Length	≤40000mm	≤40000mm
Laser Source Power	12000W-40000W	12000W-40000W
Dimensions	33900mm×5030mm×4100mm (U3000-28)	33900mm×5030mm×4100mm (U3000 Pro-28)
Notch Cutting	●	●
Hover Cutting	●	●

bodor

Dare to dream