



AEON DIGITAL ADVERTISING MATERIAL TRADING L.L.C

AE6025-NEAT-12KW

Fiber Laser Cutting Machine



High-Power Laser Generator



MAX laser generator delivers stable, high-power output with minimal energy consumption, ensuring smooth, precise, and efficient cutting across various materials while reducing operational costs.

Precision Motion System

Gantry double rack & pinion drive system ensures high-speed movement, exceptional stability, and superior accuracy, enabling intricate designs and sharp cuts with rapid acceleration and deceleration.

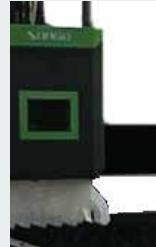


Advanced Structural Integrity

TG-30CTAS-16 air compressor delivers 2.1m³/min at 1.6Mpa, supports 6-12kW lasers, and ensures efficient, continuous operation with 22kW power, air cooling, and an adsorption dryer.

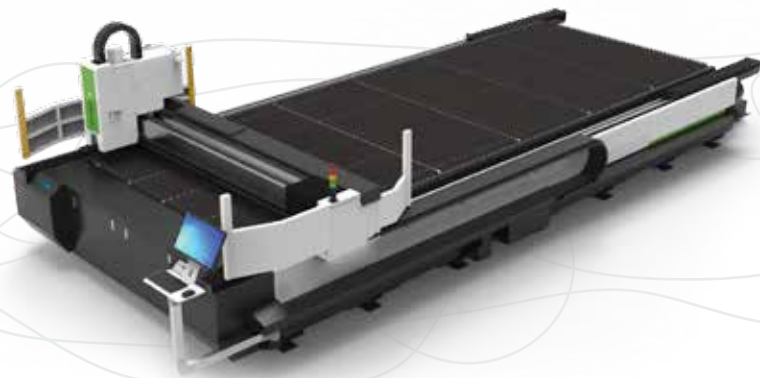


Lightweight & Durable Crossbeam



Aviation-grade aluminum crossbeam enhances motion efficiency, reducing weight while maintaining rigidity, allowing for fast, dynamic movement and increased cutting precision.

Precision.
Speed.
Efficiency.

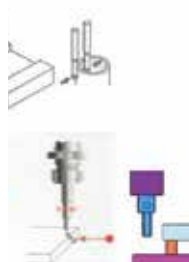


Smart Auto-Focus Cutting Head

Intelligent auto-focus system automatically adjusts focal length for various materials, enhancing cutting quality, efficiency, and consistency with an advanced collimation system for minimal manual intervention.



Edge Search Function



Enables quick positioning of metal sheets that are misaligned with the X/Y coordinate system. The cutting head swiftly detects the edge, improving processing efficiency and ensuring precise alignment.

Optimized Nesting Software



Edge detection and corner smoothing algorithms maximize material utilization, reducing waste while increasing productivity through precise, automated sheet layout optimization.

S&A Water Chiller

Advanced technology with consistent product specifications and performance.

Multiple after-sales offices in China and abroad, ensuring real-time and reliable service.

