

# GFA

High-power Large-format Laser Cutting Machine

## EFFORTLESS CUTTING FOR LARGE-FORMAT MATERIALS



Laser Power

**12-60kW**

Cutting Head

**3D(Optional)**

Max. Linkage Acceleration

**0.5G**

Max. Linkage Speed

**80m/min**

### PRODUCT OVERVIEW

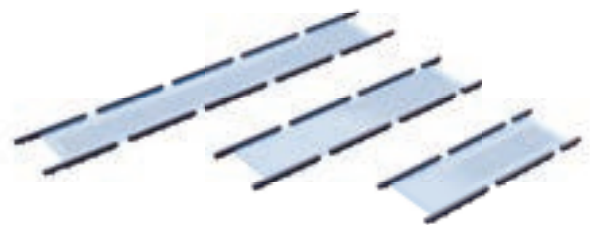
Efficient Processing Solution Designed for Cutting Large-format Metal Sheets



The GF-A Series focuses on cutting large format metal sheets. It is suitable for application in fields such as engineering machinery, mining machinery, shipbuilding, rail transportation, aerospace, etc. The processing format can be customized according to customers' needs, greatly enhancing the flexibility and efficiency of sheet metal processing.

### TYPICAL PROCESSING

Flexible Processing Solutions for Large-Scale Materials



The machine bed is composed of multiple sections, allowing for customizable configurations to create infinitely extendable splicing beds. It ensures effortless handling of large-format sheet cutting.

**RELIABILITY & DURABILITY**

### Separate Design of Workbench and Transmission Mechanism

The separated design of the worktable and transmission mechanism can effectively isolate the heat source, reduce the impact of heat generated during high-power laser cutting on the transmission system, and ensure the stable operation of the machine under high loads, thereby maintaining high accuracy and stability and extending its service life.



**EASY TO USE**

### Professional Nesting Software with Standard Configuration

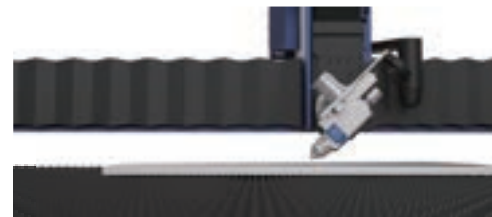
High nesting utilization ratio as famous nesting software. Simple operation with drawing function and support manual and automatic nesting. Support different materials and thicknesses categorized typesetting. Excel batch import.



**SAVE YOUR TIME**

### 0-45 ° Bevel Cutting (Optional)

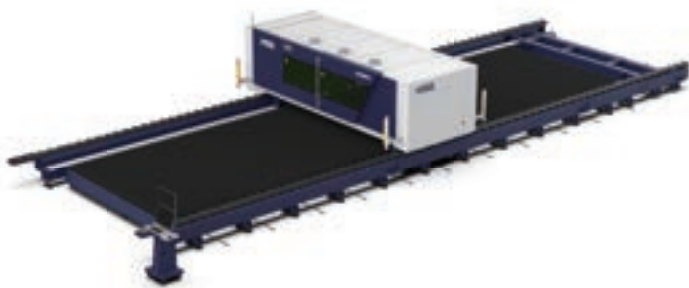
The GFA series can process various types of bevels such as V-shaped, X-shaped, Y-shaped, etc., reducing subsequent processing steps and improving processing accuracy and efficiency.



**CARE YOUR SAFETY**

### Safety Protection Package (Optional)

Two sets of safety gratings are equipped on the crossbeam, which can effectively prevent collisions between the crossbeam and operators in emergency situations, ensuring personnel safety. The left and right dual row follow-up dust removal device accurately captures and discharges smoke and dust, maintaining a clean environment and stable equipment operation.



## TECHNICAL PARAMETERS

Model	G12025FA	G12035FA
Laser Power	12-60kW	12-60kW
Cutting Area(Length*Width)	12100×2500mm	12100×3500mm
Maximum Acceleration	0.5G	0.5G
X/Y Axis Positioning Accuracy	±0.05mm/m	±0.05mm/m
X/Y Axis Re-positioning Accuracy	±0.05mm	±0.05mm/m

\*Information and images are for reference only. Final specifications and terms are subject to the contract and may change without notice.