



Cutting | Bending | Welding | Automation



**X**

✦ High-precision Sheet Fiber Laser Cutting Machine ✦

**X** 3kW - 12kW

## High-precision Sheet Fiber Laser Cutting Machine



### Technical Parameters

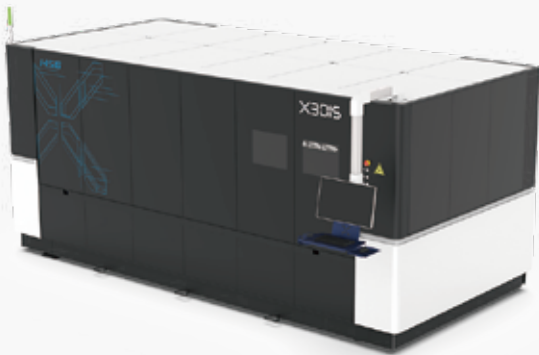
Technical Parameters	X3015
Resonator Power	3,000 to 12,000 Watts
Max. Sheet Size	5' x 10'
X/Y-axis positioning/repositioning accuracy	0.0012 IPM
Max. positioning speed	4724 IPM
Travels (X,Y)	60" x 120"
Acceleration	1.5G

\* Machine appearance, technical parameters, function description, data comparison shown in this page are from HSG in-house laboratory. All testing results and experimental data shall be subject to real machine.



## Bus Control System

- It enables data transmission via EtherCAT bus and features fast speed and stability. This system is easy to be operated and rich in functions. Even green hands can cut high-quality samples.



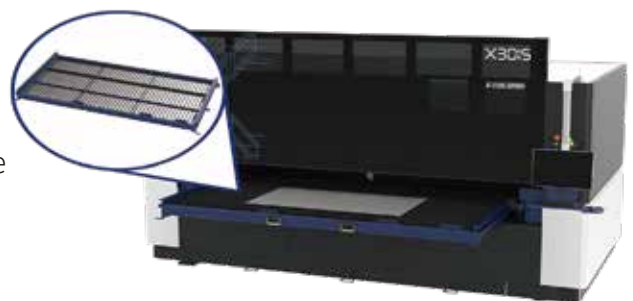
## Fully-protective Structure

- Top cover can prevent cutting smoke diffusion and protect work climate from pollution.



## Single Push-pull Platform

- The platform makes rear loading possible. Anti-shake clips are installed on both sides of platform to prevent vibration while cutting thin sheet.





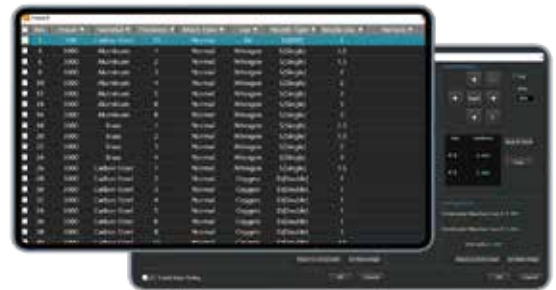
## Autofocus Laser Cutting Head

- Autofocus can make you easy processing. The users do not need to adjust the focus position manually, because the cutting head can adjust the focus automatically for stable cutting, according to system settings.



## Massive Production Database

- Users can invoke cutting technology from the database when cutting sheet of different materials and thickness
- Have multiple thick sheet cutting technologies like air cutting, counterboring technology, perfect finish cut (PFC), lightening-fast piercing, etc.



## Professional Nesting Software

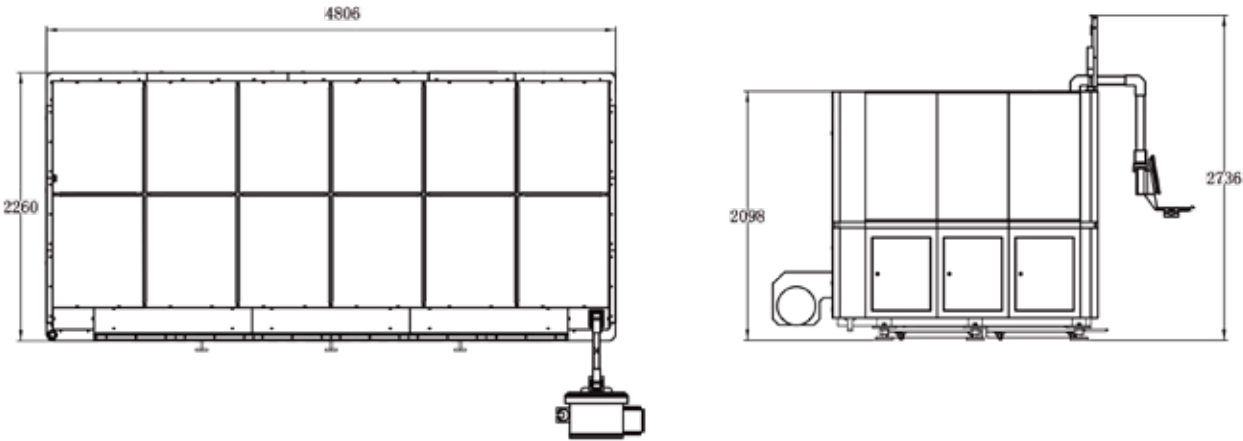
- Optimize cutting path to shorten cutting duration.
- Smart typesetting algorithm for the increase of material utilization.





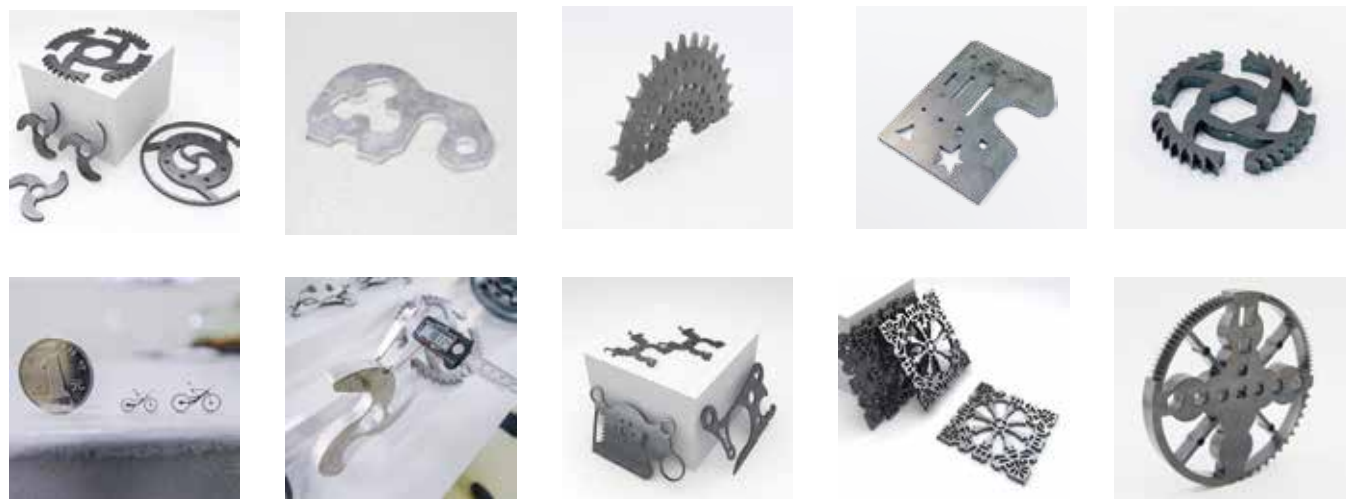
# Machine Foundation

\*The marked size has about 10mm error



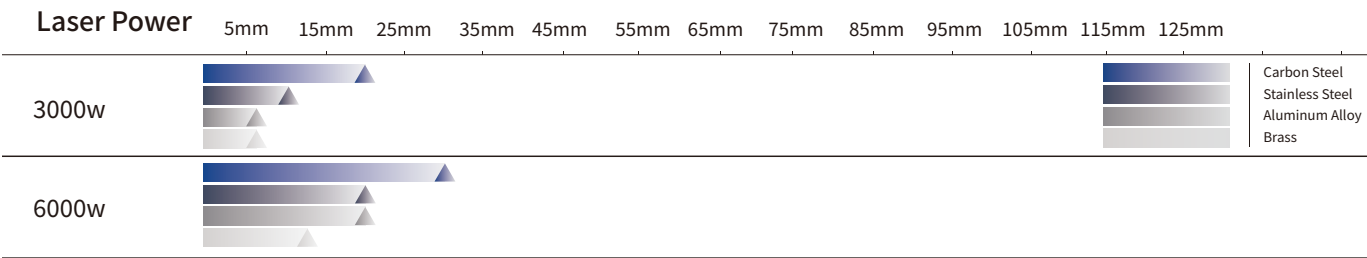


## Cutting Samples





## Cutting Capacity



The actual machines shall prevail and above data & pictures are only for reference.