

# CELL3015G 3000-6000W

## 3D Five-axis Laser Cutting Machine



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### LA5 Five-axis Linkage Cutting Head

- This cutting head is self-developed by HSG Laser for 3D cutting and it has functions of N\*360° rotation and  $\pm 135^\circ$  swing.
- Slender nozzle units.
- Reliable airway design and simulation to ensure cutting quality.

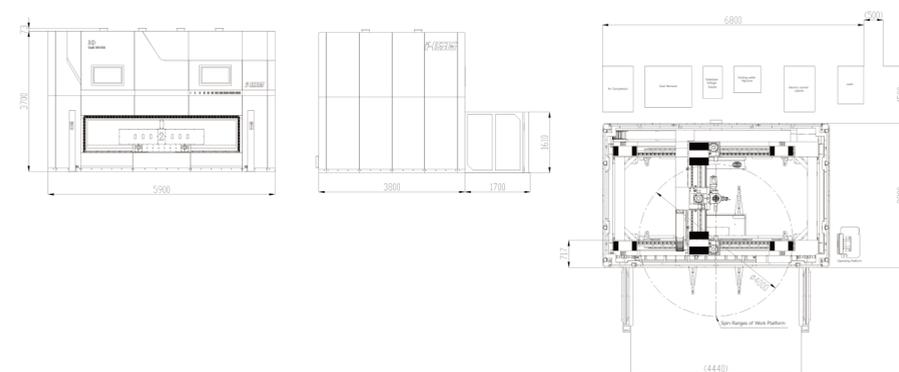


### 360° Crash-proof Protection

- Cutting head is outfitted with 360° crash-proof device that helps to protect the cutting head well.

### Machine Foundation

\*The marked size has about 10mm error



### Smooth and high-speed TCP Control

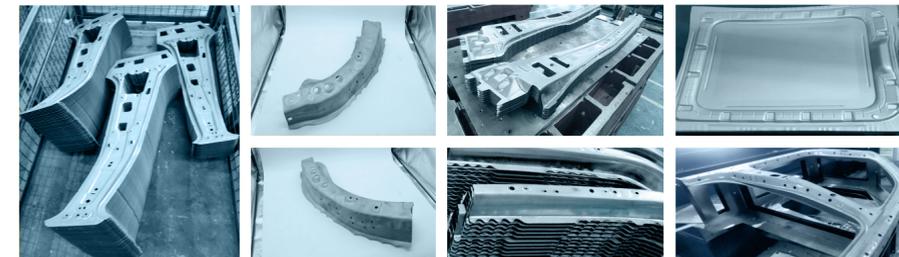
- It features smooth operation and stable dynamic performance with functions of angle compensation, cutting tip compensation, gesture control, and W-axis follow-up control.
- Positioning accuracy  $\pm 0.05\text{mm}$
- X-Y-Z maximum Acceleration 170m/min

### Anti-collision Safety Light Curtain

- The cutting will stop immediately when any intruder is detected to protect both workers and the machine.



### Bending Samples



## Technical Parameters

Technical Parameters	CELL3015G
Power	3000W-6000W
X/Y/Z-axis positioning accuracy	$\pm 0.05\text{mm}$
X/Y/Z-axis repositioning accuracy	$\pm 0.03\text{mm}$
C Axis Acceleration	100rad/s <sup>2</sup>
B Axis Acceleration	200rad/s <sup>2</sup>
Max. Acceleration of X/Y/Z	1.0G

\* 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.

### Fully-closed Structure

- The machine comes standard with top cover to form fully-closed structure for clean work environment.
- Safety interlocking doors enable fully-sealed work.



### Video Monitoring Cameras

- With HD cameras, operators can get the whole picture of cutting process while standing by control console.
- Monitoring display screen is installed on the front of this machine to show real-time machining status.

### Customer Case

