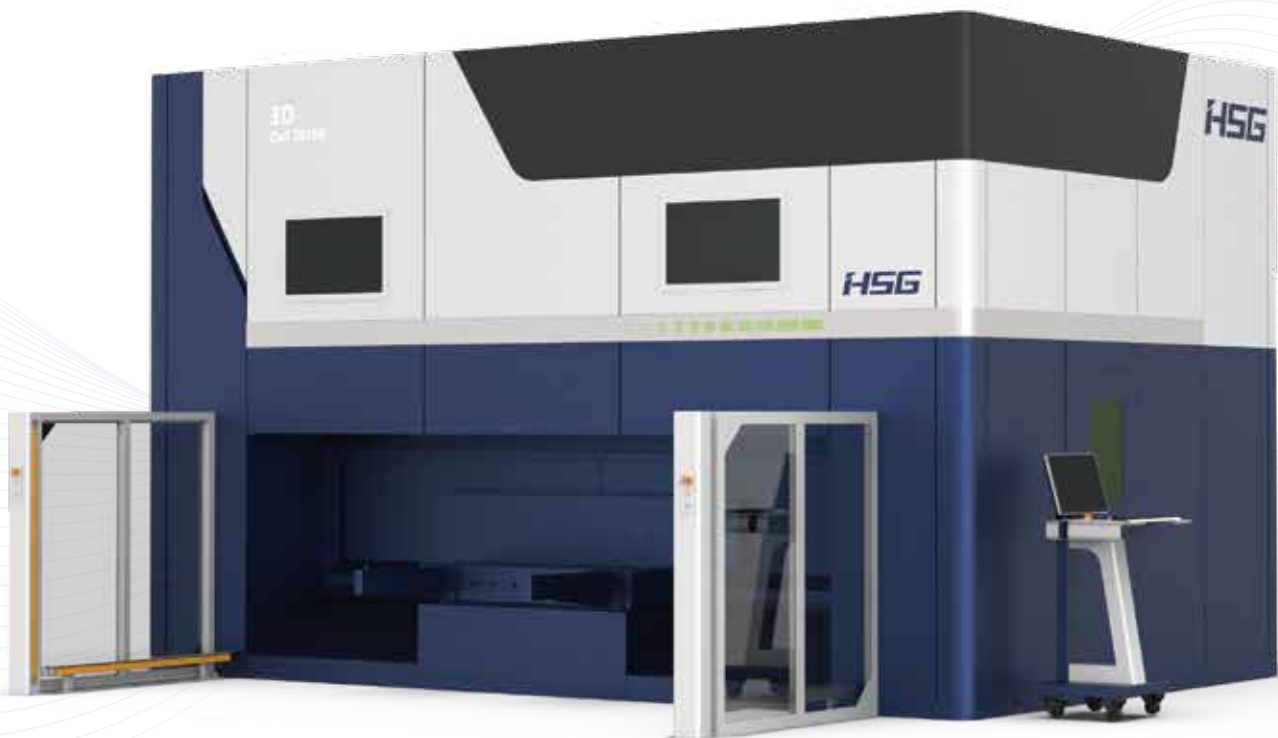




Cutting | Bending | Welding | Automation



CELL3015G

✦ 3D Five-axis Laser Cutting Machine ✦

Company Culture

MISSION

Intelligent manufacturing changes future

VALUES

Customer-focused and employee-based

VISION

Become a respectable enterprise in the global metal forming equipment field

Company Profile



13

13 branches/subsidiaries/
sub-subsidiaries across the world



100+

Serve 100+countries and
regions



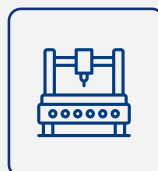
4

Manufacturing Bases in
China



30+

Global service outlets

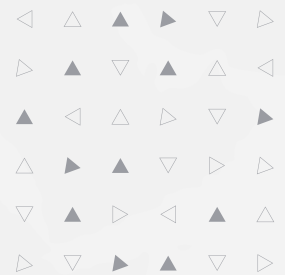


8000+Sets
of Annual Output



96000m²

Occupied Area



CELL3015G 3000-6000W

3D Five-axis Laser Cutting Machine



Technical Parameters

Technical Parameters	CELL3015G
Power	3000W-6000W
X/Y/Z-axis positioning accuracy	$\pm 0.05\text{mm/m}(\pm 0.0019\text{'})$
X/Y/Z-axis repositioning accuracy	$\pm 0.03\text{mm}(\pm 0.00118\text{'})$
C Axis Acceleration	100r/min
A Axis Acceleration	200r/min
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.

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.



Smooth and high-speed TCP Control Performance

- It features smooth operation and stable dynamic performance with functions of bevel compensation, cutting tip compensation, W-axis follow-up control and intelligent tolerance control.
- Positioning accuracy $\pm 0.05\text{mm}$.
- No-load speed 170m/min.

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 .





360° Crash-proof Protection

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



Anti-collision Safety Light Curtain

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

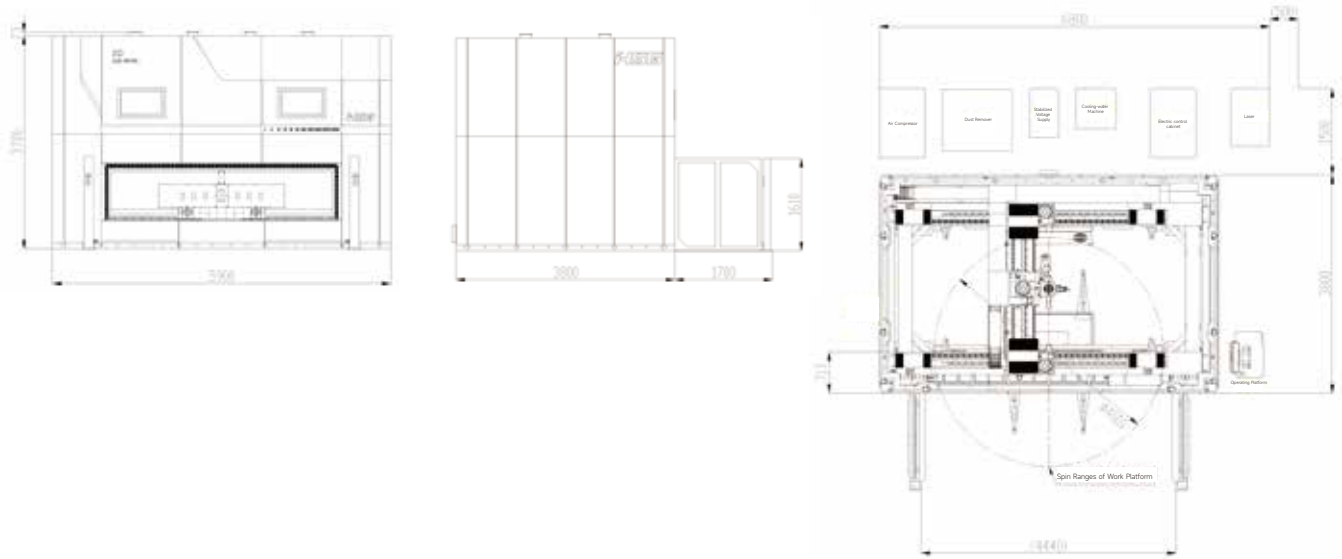


Video Monitoring Cameras

- With HD industrial 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.



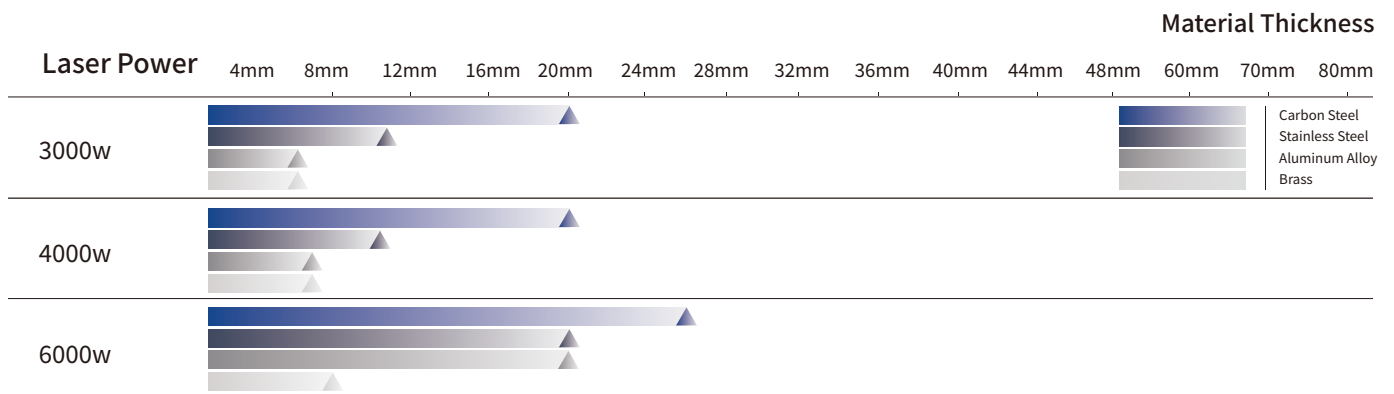
Machine Foundation *The marked size has about 10mm error



Bending Samples



Bending Capacity



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



Intelligent Manufacturing Changes Future



As a global enterprise, HSG sticks to providing professional and convenient service support to customers at home and board



Professional Training

Multiple technical training service and free operation training for customers and dealers in time



Efficient Support

Humanistic service model, online services and 7*24 hotline to offer solutions and assistance



Optimized Transport

Multi-channel transport solutions and professional transport solution team will provide various transport cases for to satisfy the demand of customers and save transports fees



Sufficient Accessories

Highly efficient accessories delivery service, multiple network inventory jointly responds to accessories demand to shorten customer's waiting times and accelerate production



Careful Services

Domestic door-to-door service and free proofing, global 100+dealers provide efficient and convenient services



Intelligent Manufacturing Changes Future



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