



### A National Hi-tech Enterprise

HSG Laser, founded in 2006, as a national hi-tech enterprise with an eye to R&D, production and sales of laser equipment, is now mainly dedicated to serve global customers with intelligent metal forming solutions. HSG Laser has applied for 316 patents (incl. 33 patents for invention).



### Serve 100+ Countries and Regions

HSG Laser has 10 branches/subsidiaries/sub-subsidiaries, 4 standardized manufacturing bases in China and 30+ service outlets overseas. 1500+ workers, incl. 170+ R&D personnel sold 3000+ machines in 2020 by right of 80000m<sup>2</sup> factories and 5000+ annual productivity.



### Professional R&D Team

Our R&D team values high-power machines and key spare parts. Until now, they have developed industry-leading 3D five-axis cutting, P20 ultra-high-power intelligent laser cutting head, intelligent digital four chucks, Alpha T bus system and HSG-XMT multi-touch operating system.

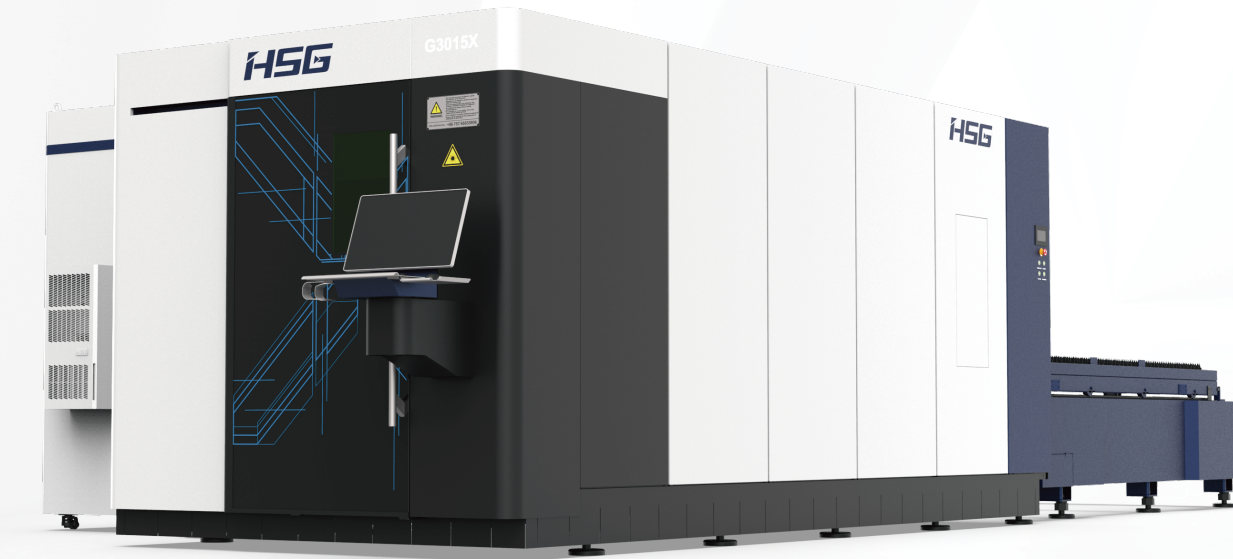


### Laser Cutting Machines of a Great Variety

HSG Laser can serve global users with 20+ kinds of machines that are suitable for most materials needing to be cut, including sheet metal laser cutting machine, sheet & tube laser cutting machine, tube metal laser cutting machine, bending machine and welding machine.



Headquarters Add.: No. 8, Zhujiang Avenue, Bijiang Industrial Zone, Beijiao Town, Shunde District, Foshan, China  
 Website: [www.hsglaser.com](http://www.hsglaser.com)  
 Email: [info@hsglaser.com](mailto:info@hsglaser.com)  
 Tel: +86 757-66833906



## G3015X

Double Exchange Platforms Laser Cutting Machine

[www.hsglaser.com](http://www.hsglaser.com)

## COMPANY



OUR HEADQUARTERS



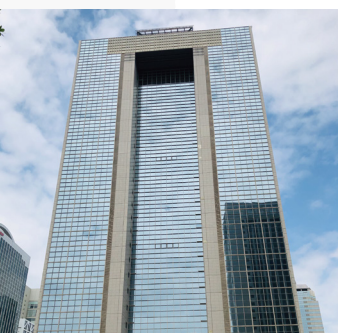
SUZHOU SUBSIDIARY



GERMAN SUBSIDIARY



JINAN SUBSIDIARY

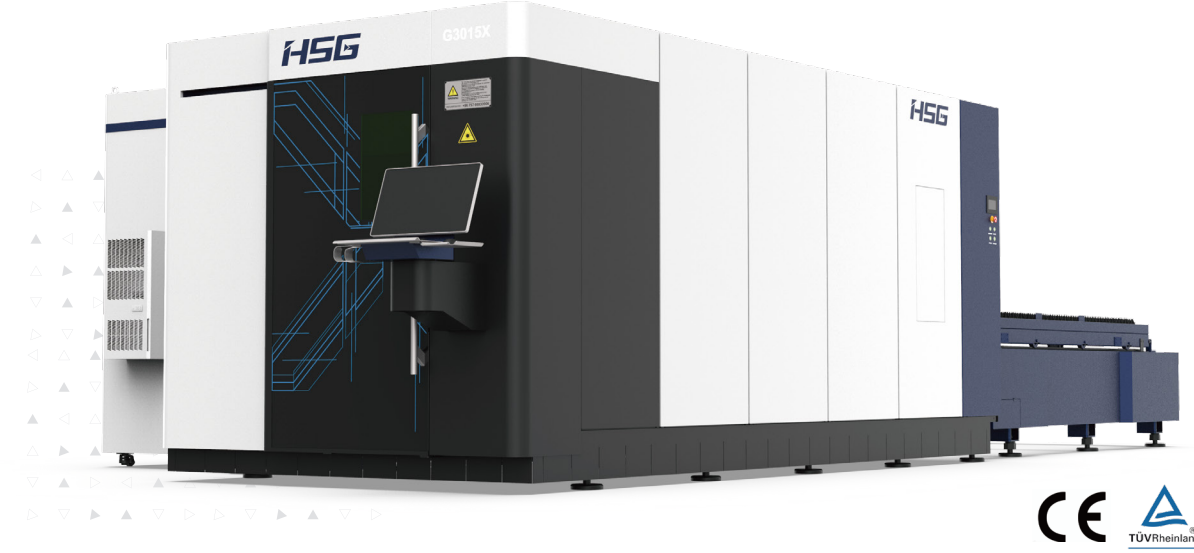


JAPANESE SUBSIDIARY



# G3015X Series

Double Exchange Platforms Laser Cutting Machine 2000-6000W



## Technical Parameters

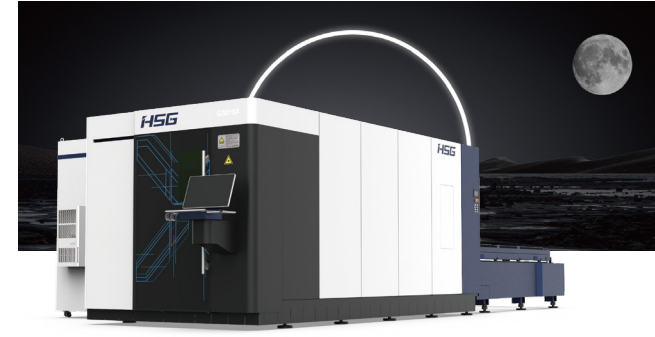
Technical Parameter	G3015X
Power	2000-6000W
Processing Format (L*W)	3048*1524mm
X/Y-axis Positioning Accuracy	±0.03mm/m
X/Y-axis Repositioning Accuracy	±0.03mm
Max. No-load Speed	140m/min
Max. Acceleration	1.5G
Max. Loading Weight of Platforms	900kg
Overall Dimensions (L*W*H)	8900*2260*2200mm

## Cutting Samples



## A GLOBAL HOT-SALE MODEL IN 2021

- Take 2 days to install
- Make shipment within 7-15 days
- 20-year machine bed
- One 40HQ standard container
- 3000+ global users

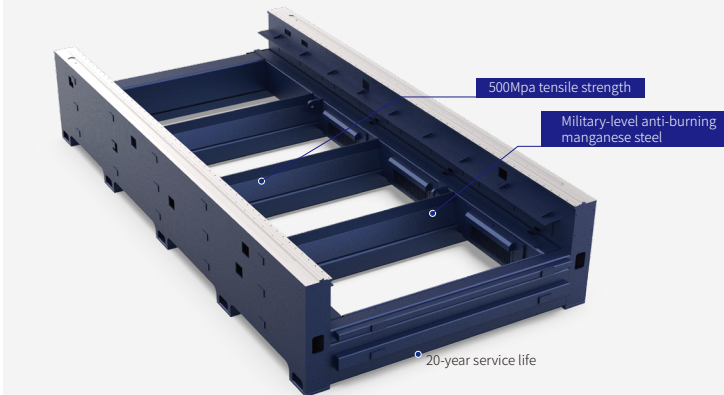
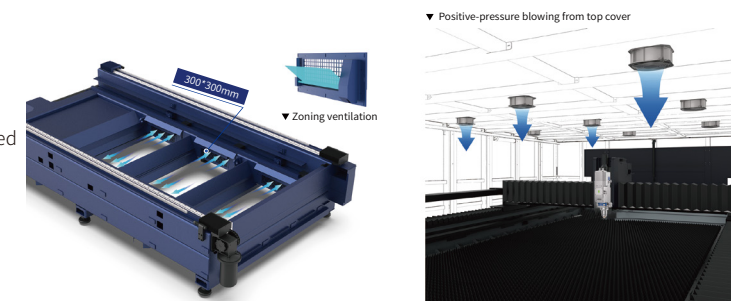


## ALPHA T BUS CNC SYSTEM

Alpha T, self-developed by HSG LASER, is easy to operate even by green hands and can match with 2000+ process data on its graphical programming interface and compatible with multiple graphic files, incl. DXF, DWG, PLT and NC code, improving stock layout and material utilization by 20% and 9.5%, with no limit of quantity of spare parts.

## ZONING VENTILATION SYSTEM

G3015X adopts 300\*300mm full-hollow ventilating ducts and butterfly valve dampers to discharge cutting smoke instantly. Air dampers and cylinder elements will not be destroyed by cutting sparks and almost smoke-free effects come true.



## CARBON STEEL WELDED MACHINE BED

The machine bed is covered with military-level anti-burning manganese steel plate to prevent thermal deformation. Due to 500Mpa tensile strength and welding stress elimination by low annealing and vibration aging, the machine bed will keep high precision and stability for over 20 years.

## The Latest Generation of Extruded Aviation Aluminum Beam

The light-weight 6 series aviation aluminum alloy adopted brings good dynamic performance. Our beam is designed as honeycomb anti-compression structure, keeping up with aerospacecraft design standards, and made by using extrusion forming technology, hence, high strength but no air or sand hole.



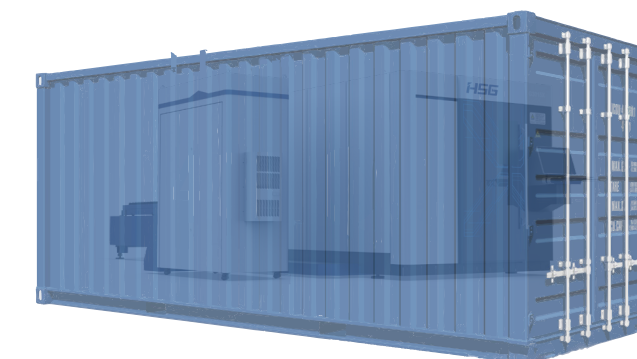
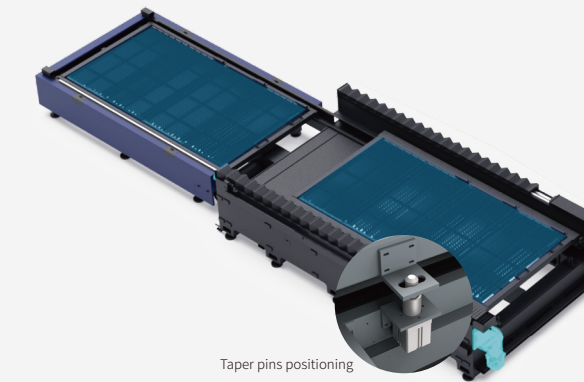
- Special monitoring sensor
- Autofocus accuracy ±0.01mm
- 99.95%+ laser transmittance
- 0.05% power loss
- 3 protective lens

## HIGH-PRECISION AUTOFOCUS CUTTING HEAD

The cutting head, made of stainless steel, has water cooling, ceramic ring, positive-pressure dust removal and dual gas-path ultrasonic nozzle, hence, it is easy to get mirror-like surface cutting. It can also feel the surroundings and lift up to keep away from obstacles and will give early warning if abnormal.

## DOUBLE EXCHANGE PLATFORMS, TAPER PINS POSITIONING

The platforms use 16A enhanced chains for fast exchange, which are locked by hexagonal guide rails and positioned by taper pins to prevent possible vibration and ensure its high precision. Due to high-precision CNC system, cutting safety is highly guaranteed.

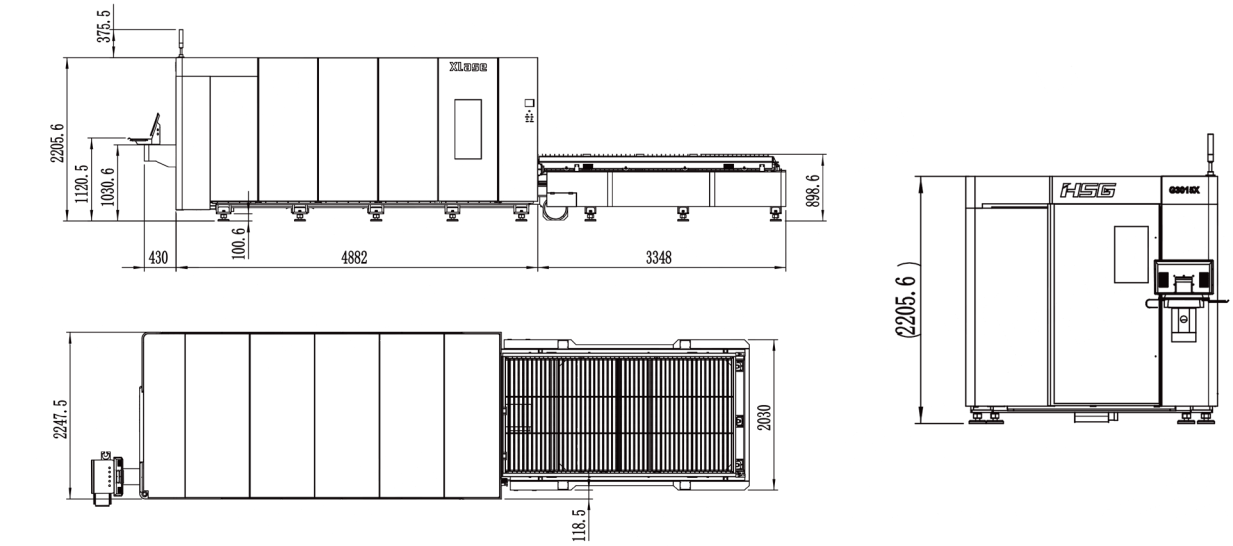


## SMALL SIZE, HIGH-STANDARD PACKAGE

G3015X is relatively small in size (only 8900\*2260mm) and usually packed by aluminum foil, metal framework, fumigation wooden case, anti-rust oil+oilpaper, moisture-barrier bag, plastic waterproof film, filled with foam and covered by vacuum aluminum foil and plastic film.

\$1500 higher than other peers in packaging expenses

## Machine Foundation



## Core Accessories of Good Quality



## IPG Lasers



## Cutting Capacity

