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PRODUCT VIDEO

خط ویژه: ۰۲۱-۴۱۴۰۳

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شرکت مهندسی پارس کیا مهنام
نماینده انحصاری HSG Laser در ایران

HSG



❖ SHEET METAL LASER CUTTING MACHINE ❖

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THE LIGHT OF INTELLIGENT MANUFACTURING



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 nearly 500 patents.



Serve 100+ Countries and Regions

HSG Laser has 2 wholly-owned subsidiaries in Germany and Japan, 4 standardized manufacturing bases in China and 30+ service outlets overseas. 1500+ workers, incl. 180+ R&D personnel sold 3000+ machines in 2020 by right of 80000m2 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.

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OUR
HEADQUARTERS



SUZHOU
SUBSIDIARY



GERMAN
SUBSIDIARY



JINAN
SUBSIDIARY



JAPANESE
SUBSIDIARY



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GX Series

STANDARD CONTAINER TRANSPORT MODEL 1500-6000W



Technical Parameters

Technical Parameter	G3015X
Processing Format (L*W)	3000mm*1500 mm
Laser Power	1500-6000W
X/Y Axis Positioning Accuracy	$\pm 0.03\text{mm/m}$
X/Y Axis Repositioning Accuracy	$\pm 0.03\text{mm}$
Max. No-load Speed	140m/min
Max. Acceleration	1.5G
Overall Dimensions (L*W)	8900*2260*2200mm

Cutting Samples



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ZONING VENTILATION SYSTEM

GX adopts 300*300mm full-hollow air duct and butterfly valve damper to maximize damper opening and airflow, as a result, air damper and cylinder elements will not be destroyed by cutting sparks and almost smoke-free effects come true.



CARBON STEEL WELDED SEMI-HOLLOW MACHINE BED

The machine bed is covered with 6mm anti-burning manganese steel plate to prevent thermal deformation. Due to 500Mpa tensile strength and welding stress elimination by lonnealing and vibration aging, the machine bed will keep high precision and stability for over 50 years.



THE 4TH GENERATION EXTRUDED AVIATION ALUMINUM BEAM

The light-weight 6 series aviation aluminum alloy is used due to its good dynamic performance. Our beam is designed as honeycomb anti-compression structure and made by using extrusion molding process, hence, high strength but no air or sand hole.



KLINGE AUTOFOCUS LASER CUTTING HEAD (P06 FOR SELECTION)

Based on Japanese technology, KLINGE/P06, developed by HSG and made of stainless steel, has water-cooling, ceramic ring, positive-pressure dust removal and dual gas-path ultrasonic red cooper nozzle, hence, it is easy to get bright surface cutting;



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FLAME-RETARDED PROTECTIVE COVER

The guide rail and Z-axis guide screw featuring positive-pressure dust removal are sealed by flame-retarded cover to keep back cutting sparks, dust and metal particles, and ensure machine stability after long-term working.



HIGH-LOW TYPE EXCHANGE PLATFORMS, TAPER PINS POSITIONING

The platforms use 16A chains (4mm wider than industry standards) for breakneck and visual exchange, only 8s required at the soonest, and locked by hexagonal guide rails and taper pins to prevent vibration and ensure its precision within 0.5mm.



HSG-X2000S CNC CONTROL SYSTEM

X2000S, compatible with MES system, is developed based on FSCUT2000 system to integrate our PLC and cutting process database. Apart from its general functions, X2000S is also featured by its higher safety, namely, impending collision detection and prevention.



STANDARD CONTAINER TRANSPORT MODEL, SAVE FREIGHT

GX, as a long-test model launched in 2015, accepts repeated technical upgrades now. 7000+ GX have been sold in total. This small machine is easily put in standard 40HQ container to reduce cost of transportation and make the most of workshops.



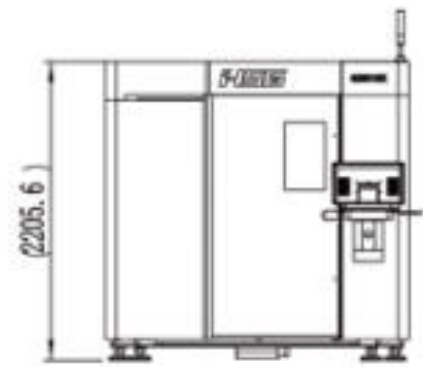
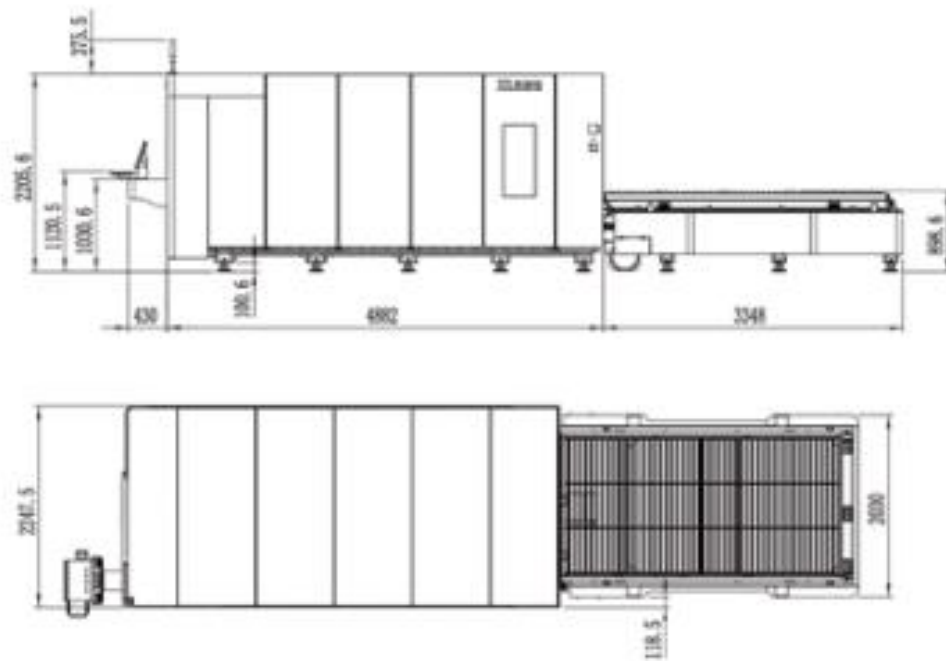
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Machine Foundation



Core accessories



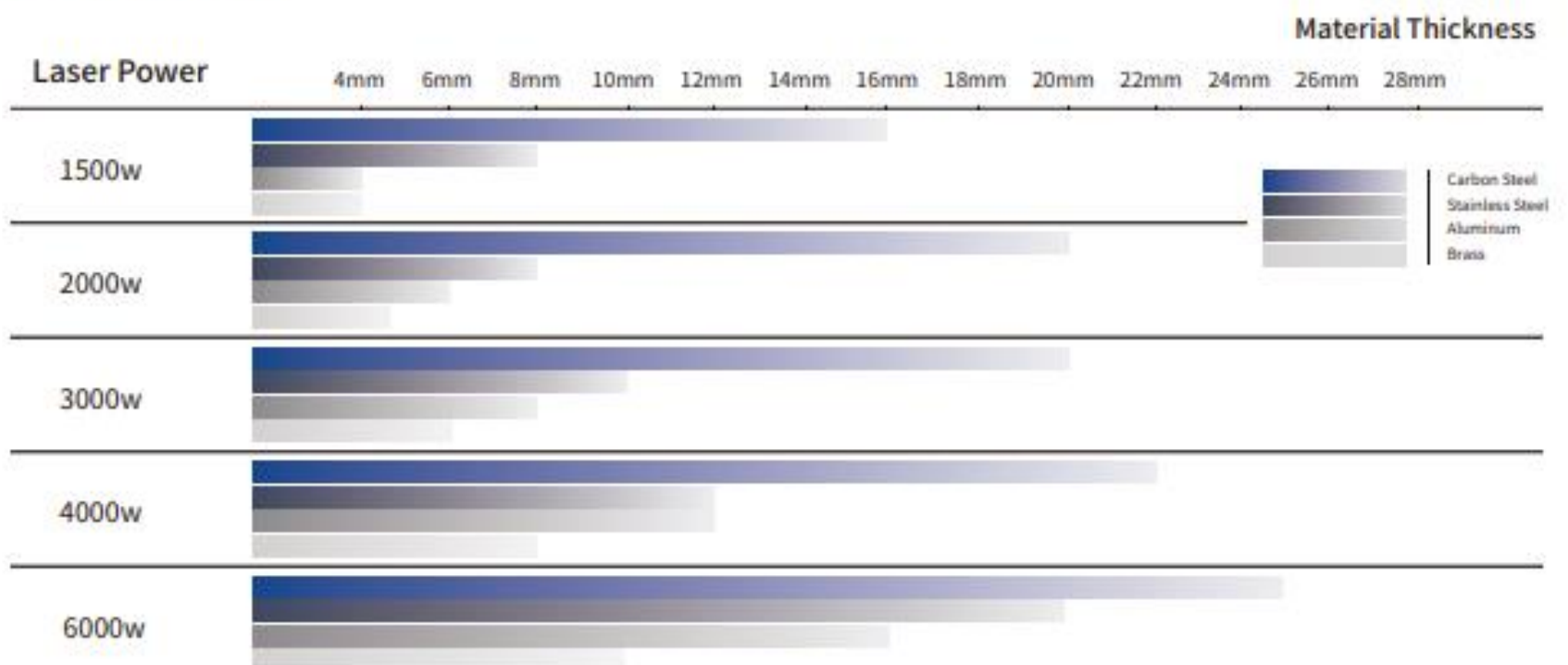
CE Certification



IPG: Laser device



Cutting Effects



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