

GLORYSTAR

**PRODUCT
CATALOGUE**

GLORYSTAR

LASER TECHNOLOGY BUILDS A BETTER WORLD



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The final interpretation right belongs to Glorystar Laser



CORPORATE VISION

TO BE THE WORLD'S NO. 1 SUPPLIER OF LASER APPLICATION SOLUTIONS

ABOUT GLORystAR



Glorystar Laser Group has been manufacturing intelligent laser equipment for over 19 years, with headquarters located in Dongguan, China. The group also owns two wholly-owned subsidiaries: Shenzhen Glorystar Intelligent Equipment Co., Ltd. and Henan Glorystar Intelligent Equipment Co., Ltd. As a national-level high-tech enterprise dedicated to providing laser application solutions, our offerings include metal laser cutting, laser cleaning, laser welding, laser marking, CNC bending, and automation equipment.

With branches and service centers established in 54 countries and regions worldwide, Glorystar Laser has built "Laser Application Research Institute" and "Intelligent Manufacturing Research Institute", and holds over 300 technical patents.

Glorystar Laser upholds the concept of high-end quality and has set 339 production inspection procedures, exceeding industry standards. Our mission is to "pursue the material and spiritual happiness of all employees, continuously create value for customers, make the world better through laser technology, and contribute to the development of human society". Our high-quality products and after-sales service have earned the highest praise from customers all over the world.



PROFESSIONAL

Focusing on our customers' needs, we will continue to engage in technical innovation, creating a professional quality control system and a five-star after-sales service system. We will also manage our brand based on the professional concept of laser application solutions



- The industry's first dual bed frame and modular workbench, leading the super high-powered technology
- Engineers with an average of more than five years of assembly experience, the most advanced precision inspection equipment, 339 inspection procedures that exceed the industry standard
- A global distribution of after-sales service teams and spare parts warehouses, to provide fast response and create value for customers' production

EFFICIENT

Our industry-leading research in laser application processes drives the development of faster, better, and more economically competitive products. Our commitment to creating better value for our customers and becoming an efficient pioneer for industry has led to outstanding contributions in environmental protection and energy savings.

Greater



Massive Quantity of Stable Production

- Visual Edge Finding, Leading Wire Slow Descent, Vibration Suppression
- Following Cutting, Intelligent Obstacle Avoidance, Intelligent Maintenance
- Closed-loop Air Pressure, Nano Micro-connection, Break-point Memory

Faster



Faster Cutting Speed

- Automated Layout, Path Optimization, Leapfrogging Cutting
- Negative Focus Cutting, High-speed Oxygen Cutting, Non-inductive Perforation

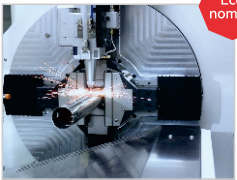
Better



Better Workpiece Quality

- Spiral Slag Removal, Corner Burning Prevention (stainless steel)
- Corner Cooling (carbon steel)

Economize



Saving Materials with Economizing Solution

- One-time Completion
- Unbounded Cutting, Flexible Tailing
- Zero-tailing Three-chuck Cutting Patent, Counterboring Technology

Note: Our processes will be continuously updated. For specific process details of each product series, please consult us for further information.

HONOR

Continue to pursue the trust of our customers and build the long-term vitality of our brand

International Product Certification Inspection

International High-end Quality System Inspection

- EN ISO 12100:2010
- EN ISO 11553-1:2020/A11:2020



HIGH POWER CUTTING



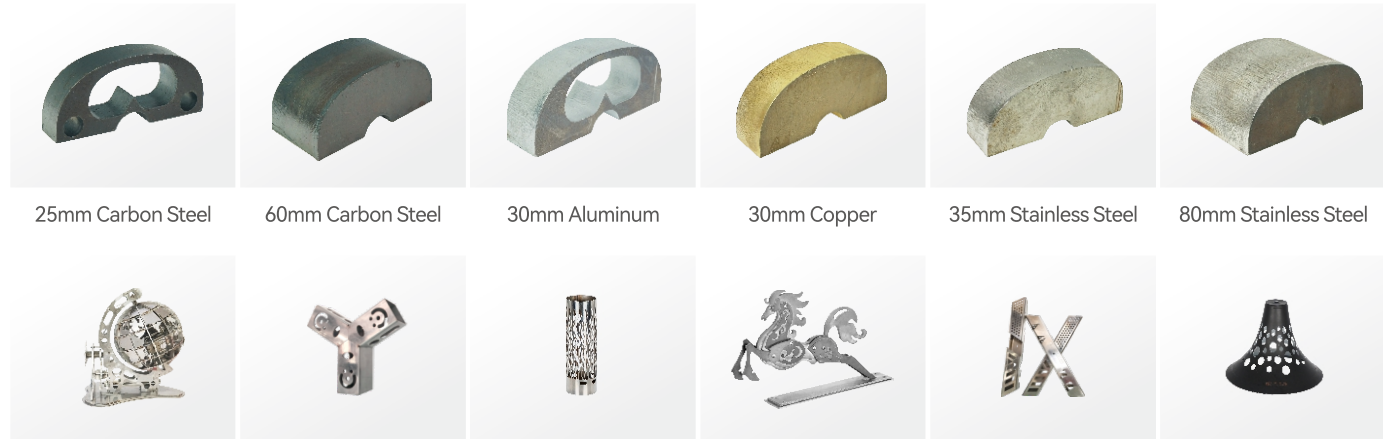
Aerospace Industry Shipbuilding Industry Railway Manufacturing Heavy Machinery Building Materials Industry Mining Machinery Automobile Industry

MEDIUM POWER CUTTING

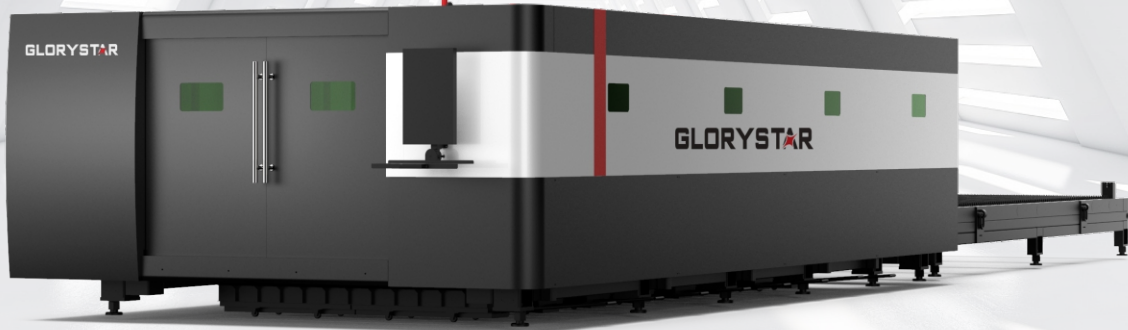


Lighting Industry Hardware Manufacturing Interior Decoration Industry Electrical Appliance Manufacturing Elevator Manufacturing Sanitary Ware Manufacturing Fitness Equipment Industry

CUTTING SAMPLES



NS SERIES



NS-CE SERIES
Super High Power Fiber Laser
Metal Sheet Cutting Machine

- | Patented dual bed frame & double support design, extended bearing capacity with lifetime warranty
- | Total full-servo control, ultra high-precision cutting, for even more stable performance
- | High-end configuration, ultra high-power, extreme thickness cutting

Model	NS-4020CE	NS-6020CE	NS-6025CE	NS-8025CE	NS-12025CE
Working Area	4000*2000mm	6000*2000mm	6000*2500mm	8000*2500mm	12000*2500mm
Laser Power	15000-80000W	15000-80000W	15000-80000W	15000-80000W	15000-80000W
Positioning Accuracy	±0.03mm	±0.03mm	±0.03mm	±0.03mm	±0.03mm
Repeat Positioning Accuracy	±0.02mm	±0.02mm	±0.02mm	±0.02mm	±0.02mm
Overall Dimensions(mm)	11300*3800*2500	15300*3800*2500	15300*4200*2500	21300*4400*2500	28200*4400*2500



NS-HG SERIES
Professional Fiber Laser Tube
Cutting Machine

- | One-click tool for tube cutting, real zero tailing cutting for greater material cost savings
- | Automatic correction of tube deformation, high-precision cutting
- | Supports a variety of profile processing, and can perform whole tube cutting
- | Ventilation design inside the chuck and the tube for efficient dust removal

Model	NS-6022HG	NS-6024HG
Laser Power	1000-6000W	1000-6000W
Max. Length of Tube	6000mm	6000mm
Cutting Capacity of Round Tube	10mm~220mm	10mm~230mm
Cutting Capacity of Square Tube	10mm~150mm	10mm~230mm
Max. single tube weight capacity	200KG	260KG
Max. Chuck Rotating Speed	130r/min	100r/min

NS SERIES



NS-HG SERIES
Heavy-duty Fiber Laser Tube
Cutting Machine

- | One-click tool for heavy-duty tube cutting featuring a high-strength bed frame with a welded cage structure.
- | Chuck features a side-mounted structure, convenient for loading and unloading heavy-duty tubes.
- | Three-chuck structure, achieving zero-tailing and whole tube cutting.
- | Efficient dust removal through internal tube ventilation and segmented dust removal in the cutting area.

Model	NS-12050HG
Laser Power	3000~12000W
Max. Length of Tube	12000mm
Cutting Capacity of Round Tube	Φ50mm~Φ500mm
Cutting Capacity of Square Tube	50*50mm~360*360mm
Max. Single Tube Weight Capacity	2000KG
Max. Chuck Rotating Speed	50r/min



NS-TG NAVSTAR Two-Chuck
Professional Fiber Laser Tube
Cutting Machine

- | All-round pipe cutting tool, supporting bevel cutting.
- | Automatic servo unloading, reducing labor costs.
- | Servo motor drives the front chuck to move, with high precision and safety.
- | Ventilation design inside the chuck and the tube for efficient dust removal.

Model	NS-6022TG
Laser Power	1000-6000W
Max. Length of Tube	6000mm
Cutting Capacity of Round Tube	15mm~220mm
Cutting Capacity of Square Tube	15mm~150mm
Max. single tube weight capacity	200KG
Max. Chuck Rotating Speed	130R/min



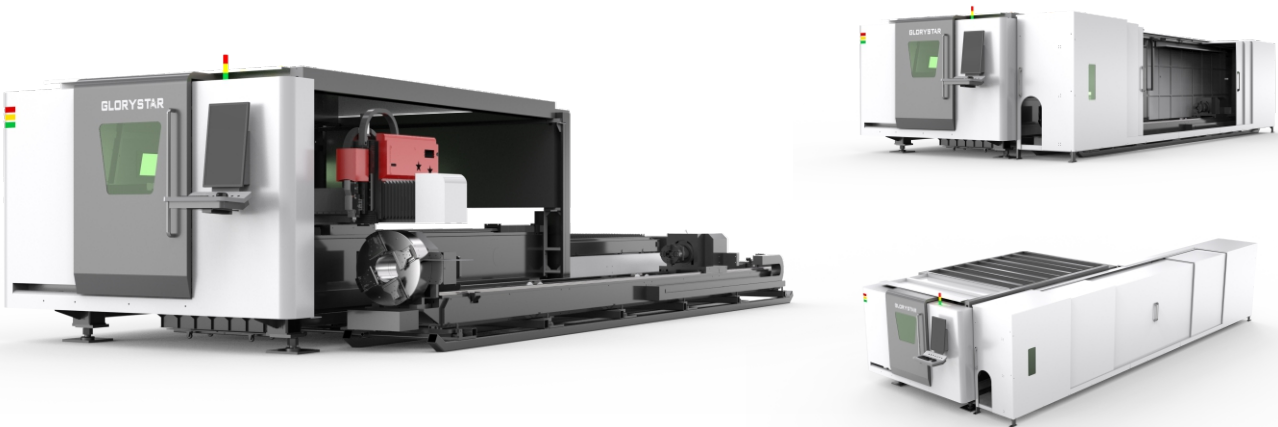
GS-CE Series

Cover Exchanged Fiber Laser Metal Sheet Cutting Machine

- | World-class dust removal system, efficient and environmentally friendly
- | Anti-collision detection device, unique in the industry, for intelligent protection
- | Unique anti-deformation hollow + dual support design bed frame with automatic 10kw upgrade

Model	GS-3015CE	GS-4020CE	GS-6020CE	GS-6025CE	GS-8025CE	GS-12025CE
Working Area	3000*1500mm	4000*2000mm	6000*2000mm	6000*2500mm	8000*2500mm	12000*2500mm
Laser Power	15000-80000W	15000-80000W	15000-80000W	15000-80000W	15000-80000W	15000-80000W
Positioning Accuracy	±0.03mm	±0.03mm	±0.03mm	±0.03mm	±0.03mm	±0.03mm
Repeat Positioning Accuracy	±0.02mm	±0.02mm	±0.02mm	±0.02mm	±0.02mm	±0.02mm
Overall Dimensions(mm)	8800*3000*2000	10700*3500*2000	15150*3500*2000	15150*4000*2000	19500*4000*2000	27500*4200*2000

*Optional: Cover for top & tube part



GS-CEG Series

Cover Exchanged Sheet & Tube Combined Laser Cutting Machine

- | Dual use of a single machine leads to reduced occupied space and increased value
- | High quality chuck with strong clamping force ensures high rigidity, high speed, and stable performance
- | Fast exchange platform, efficient cutting

Model	GS-3015CEG (Customizable for different format)
Working Area	3000*1500mm
Laser Power	3000-6000W
Positioning Accuracy	±0.03mm
Repeat Positioning Accuracy	±0.02mm
Overall Dimensions(mm)	8800*4500*2000



GS SERIES

Ultra-Large Format Single-Platform Sheet Cutting Machine

- | Upgraded bevel cutting function (optional)
- | Large-format cutting, achieve single-cutting for oversized workpieces
- | Professional automated partition dust removal to minimize dust impact
- | Integrated bed frame design for easy installation, suitable for various workspaces

Model	GS-13030	GS-14032
Working Area	13000*3000mm	14000*3200mm
Laser Power	6000-60000W	6000-60000W
Positioning Accuracy	±0.05mm/min	±0.05mm/min
Repeat Positioning Accuracy	±0.03mm/min	±0.03mm/min
Overall Dimensions(mm)	15500*4200*2000	16500*4500*2000



GS-L Series

Gantry-type Fiber Laser Metal Sheet Cutting Machine

- | Ground rail type segmented bed frame, with a customizable processing format
- | Largest Z-axis travel distance and height, suitable for square tubes and H-beam up to 400mm
- | Upgraded bevel cutting function (optional)
- | Intelligent anti-collision detection device, unique within the industry, for guaranteed protection

Model	GS-13030L
Working Area	13000*3000mm
Laser Power	8000-40000W
Positioning Accuracy	±0.03mm
Repeat Positioning Accuracy	±0.02mm
Overall Dimensions(mm)	16500*5250*2000

GS SERIES



GS-HG Series Professional Fiber Laser Tube Cutting Machine

- | One-click tool for tube cutting, real zero tailing cutting for greater material cost savings
- | Automatic correction of tube deformation, high-precision cutting
- | Supports a variety of profile processing, and can perform whole tube cutting

Model	GS-6022HG
Laser Power	1000-6000W
Max. Length of Tube	6000mm
Cutting Capacity of Round Tube	10mm~220mm
Cutting Capacity of Square Tube	10mm~150mm
Max. single tube weight capacity	200KG
Max. Chuck Rotating Speed	130r/min



GS-TG Series Professional Fiber Laser Tube Cutting Machine

- | Patented dust baffle, with specially-designed ventilation system inside the chuck & tube, for efficient dust removal
- | Two short-tailing cutting methods, to meet the short tailing needs of different tube diameter
- | Upgraded high-strength bed frame with welded cage structure, for improved rigidity and service life

Model	GS-6022TG	GS-6032TG
Laser Power	1000-6000W	1000-6000W
Max. Length of Tube	6000mm	6000mm
Cutting Capacity of Round Tube	10mm~220mm	10mm~320mm
Cutting Capacity of Square Tube	10mm~150mm	10mm~220mm
Max. Chuck Rotating Speed	130r/min	70r/min
Max. single tube weight capacity	200KG	400KG



GS-C Series Compact Fiber Laser Cutting Machine

- | Compact design, space-saving, helpful to optimize your workshop
- | Closed-type structure with an automatic lifting door and radiation-proof glass, safe and reliable
- | Ergonomically designed pull-out worktable, convenient for loading and unloading

Model	GS-1510C	GS-3015C
Working Area	1500*1000mm	3000*1500mm
Laser Power	1000-4000W	1000-4000W
Positioning Accuracy	±0.03mm	±0.03mm
Repeat Positioning Accuracy	±0.02mm	±0.02mm
Overall Dimensions	3100*2300*2050mm	3850*2300*2050mm

GS SERIES



NEW GS SERIES Open Type Fiber Laser Metal Sheet Cutting Machine

- | Open type design, convenient for loading and unloading
- | Industry-exclusive anti-collision detection device, ensuring safety in production.
- | Simple and integrated design, minimal space constraints, and convenient flexibility.

Model	GS-3015	GS-4015	GS-6015	GS-6025
Working Area	3000*1500mm	4000*1500mm	6000*1500mm	6000*2500mm
Laser Power	1000-6000W			
Positioning Accuracy	±0.03mm	±0.03mm	±0.03mm	±0.03mm
Repeat Positioning Accuracy	±0.02mm	±0.02mm	±0.02mm	±0.02mm
Overall Dimensions(mm)	5500*2300*1800	6500*2300*1800	7800*2300*1800	7800*3300*1800

VS SERIES



VS-CE SERIES

Fiber Laser Metal Sheet Cutting Machine

- | Double-sided control panel, adaptive multi-angle placement, simple disassembly and can fit into a standard 40HQ container
- | Industrial-grade special air conditioner, constant temperature and humidity for stable performance
- | Automatic Grease and oil injection system, intelligent air pressure monitoring device and anti-collision detection device provide intelligent protection

Model	VS-3015CE	VS-4015CE	VS-4020CE	VS-6015CE
Working Area	3000*1500mm	4000*1500mm	4000*2000mm	6000*1500mm
Laser Power	1000-15000W			
Positioning Accuracy	±0.03mm	±0.03mm	±0.03mm	±0.03mm
Repeat Positioning Accuracy	±0.02mm	±0.02mm	±0.02mm	±0.02mm
Overall Dimensions(mm)	8850*2700*2050	10800*2700*2050	10800*3230*2050	15150*2700*2050

VS SERIES



VS-CEG Series

Sheet & Tube Combined
Fiber Laser Cutting Machine

- | Dual use of a single machine leads to reduced occupied space and increased value
- | High quality chuck with strong clamping force ensures high rigidity, high speed, and stable performance
- | Fast exchange platform, efficient cutting

Model	VS-3015CEG
Working Area	3000*1500mm
Laser Power	1000-6000W
Positioning Accuracy	±0.03mm
Repeat Positioning Accuracy	±0.02mm
Overall Dimensions	8800*4500*2000mm



VS-G Series

Open Type Sheet & Tube Combined
Fiber Laser Cutting Machine

- | Dual use of a single machine leads to reduced occupied space and increased value
- | High quality chuck with strong clamping force ensures high rigidity, high speed, and stable performance

Model	VS-3015G
Working Area	3000*1500mm
Laser Power	1000-6000W
Positioning Accuracy	±0.03mm
Repeat Positioning Accuracy	±0.02mm
Overall Dimensions	(5000~8700) *3300*1800mm

VS SERIES



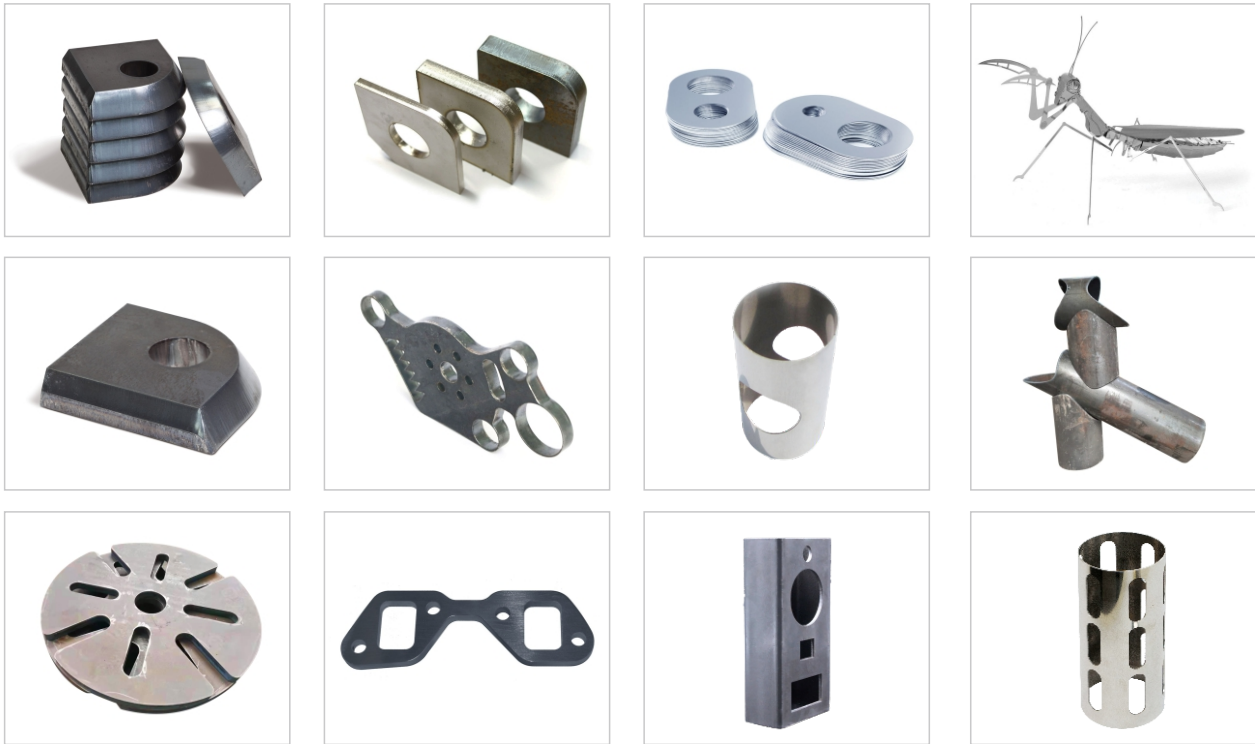
VS-TG Series

Professional Fiber Laser
Tube Cutting Machine

- | High standard chuck, featuring stable performance and high speeds
- | High-strength bed frame featuring welded cage structure, for guaranteed rigidity and extended service life
- | Supports a variety of tube processing techniques with high cutting accuracy

Model	VS-6012TG	VS-6022TG	VS-6036TG
Laser Power	1000-6000W	1000-6000W	1000-6000W
Max. Length of Tube	6000mm	6000mm	6000mm
Cutting Capacity of Round Tube	10mm~120mm	15mm~220mm	15mm~360mm
Cutting Capacity of Square Tube	10mm~80mm	15mm~150mm	15mm~250mm
Max. Chuck Rotating Speed	150r/min	100r/min	60r/min
Max. Single Tube Weight Capacity	80KG	200KG	700KG

CUTTING SAMPLES



GB SERIES



GB-A SERIES

Fully Automatic High-Speed Bending Center

- | Fully automatic sheet metal bending solutions for circular arcs, edge crushing, return bends, enclosed, and various complex shapes
- | Bending speed of up to 0.2s/Bend, 3 times faster than traditional bending machines, high production efficiency
- | Completely automated, minimal human intervention, low labor cost, easy to use, safe and reliable

Model	GB-A 1500
Bending Length	1500mm
Bending Height	175mm
Maximum Bending Size	1500mm*1400mm
Number of Axes	10(Servo)+3(Cylinder)
Peak Power	34KW
Maximum Bending Thickness	Aluminum: 2mm Iron: 1.5mm Stainless Steel: 1mm
Dimensions	2080*3780*2590mm
Weight	9000KG

GB SERIES



GB SERIES CNC Hydraulic Bending Machine

- | High response frequency, stable and reliable performance, easy to operate
- | Italian GIVI grating ruler, high precision
- | High-performance servo motor, real-time control, energy saving and environmentally friendly

Model		GB-10032	GB-16032	GB-16041	GB-20032
Nominal Pressure (kn)		1000	1600	1600	2000
Distance Between Two Columns (mm)		2700	2700	3600	2700
Worktable Length (mm)		3200	3200	4100	3200
Throat Depth (mm)		400	400	400	400
RAM Stroke(mm)		200	200	200	240
Slider Speed (mm/s)	Fast Down Ram Speed	180	160	160	120
	Working Speed	10	9	9	8
	Return Speed	150	130	130	100
Max. RAM Open Height (mm)		460	460	460	500
Main Motor Power (kw)		7.5	11	11	15
Machine Weight (kg)		8300	10000	11500	12000
Overall Dimension (mm)		3400*1990*2580	3400*2035*2700	4300*2035*2700	3400*2165*2810
Model		GB-20041	GB-25032	GB-25041	GB-40041
Nominal Pressure (kn)		2000	2500	2500	4000
Distance Between Two Columns (mm)		3600	2700	3600	3300
Worktable Length (mm)		4100	3200	4100	4100
Throat Depth (mm)		400	400	400	430
RAM Stroke(mm)		240	240	240	240
Slider Speed (mm/s)	Fast Down Ram Speed	120	110	110	80
	Working Speed	8	8	8	8
	Return Speed	100	90	90	70
Max. RAM Open Height (mm)		500	500	500	530
Main Motor Power (kw)		15	15	15	30
Machine Weight (kg)		13500	13000	14500	23000
Overall Dimension (mm)		4300*2165*2810	3400*2175*2865	4300*2175*2865	4300*2335*3420

BENDING SAMPLES



AUXILIARY EQUIPMENT



GW SERIES



GW-H Series Handheld Laser Welding Machine

- | Simple, integrated design, small size, flexible and convenient
- | Simple operation, easy to use even for inexperienced operators
- | Fast welding speed, good finish, single forming, no need for repeat grinding
- | Optional: 4-in-1 function including welding, cleaning, cleaning for welding gap, and cutting operations

Model	GW-H
Laser Power	1000-3000W
Adjustable range of light spot	0-5mm
Cooling method	Built-in water chiller
Protective Gas	Nitrogen or Argon
Overall Dimensions	1000*650*1100mm

GW-A Series Automatic Laser Welding Machine

- | Suitable for welding shaped materials
- | Six-axis structure, flexible welding
- | Professional robot welding software, easy to operate
- | High welding precision, for increased speed and efficiency



Model	GW-A
Laser Power	1000-6000W
Robot Load	3~20KG
Robot Arm	1200~3000mm
Repeat Positioning Accuracy	±0.06mm
Power Supply	AC220V AC380V

OTHER SERIES



GM Series Laser Marking Machine

- | Depending on the marking material, three laser types are available, CO2, fiber, UV
- | Complete computer control, easy to operate, high marking accuracy
- | Low energy consumption with fewer operating and maintenance costs

Model	GM-F	GM-U	GM-C
Laser Type	Fiber	UV	CO ₂
Laser Power	20-100W	3-15W	15-55W
Max Marking speed	7000mm/s	7000mm/s	5000mm/s
Marking Range	50mm*50mm-300mm*300mm	100mm*100mm-300mm*300mm	30mm*30mm-200mm*200mm
Overall Dimensions	740mm*1150mm*1500mm	1150mm*1190mm*1600mm	740mm*1150mm*1500mm
Applicable Materials	Metal	PCB,FPC,Plastic,Film,Glass	Cloth,Plastic,Wood Products, Ceramics

MARKING SAMPLES



Fiber Laser marking



Fiber Laser marking



CO₂ Laser marking

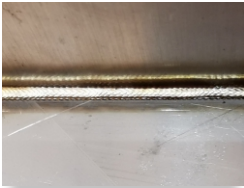
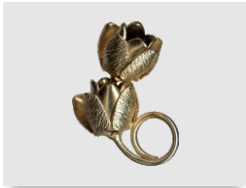


CO₂ Laser marking



UV Laser marking

WELDING SAMPLES



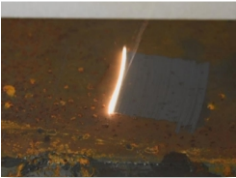
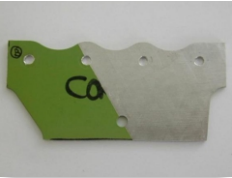
GC-H Series Handheld Laser Cleaning Machine

- | Contact-free cleaning, no damage to substrate, efficient removal of rust and paint
- | Fewer consumables required, less production cost and maintenance cost
- | All-in-one design, portable and easy to use, long service life



Model	GC-H
Laser Power	1000-3000W
Cooling Method	Water Cooling(Built-in)
Vertical Adjustment Range of Focus	±100mm
Adjustment Range of Light spot	50-650mm

CLEANING SAMPLES



AUTOMATED EQUIPMENT



Fully Automatic Loading & Unloading System for Sheet Metal

- | Can be tailor-made to customer requirements
 - | Unmanned and fully automated operation
 - | One-to-many
- * Optional for GS Series and NS Series



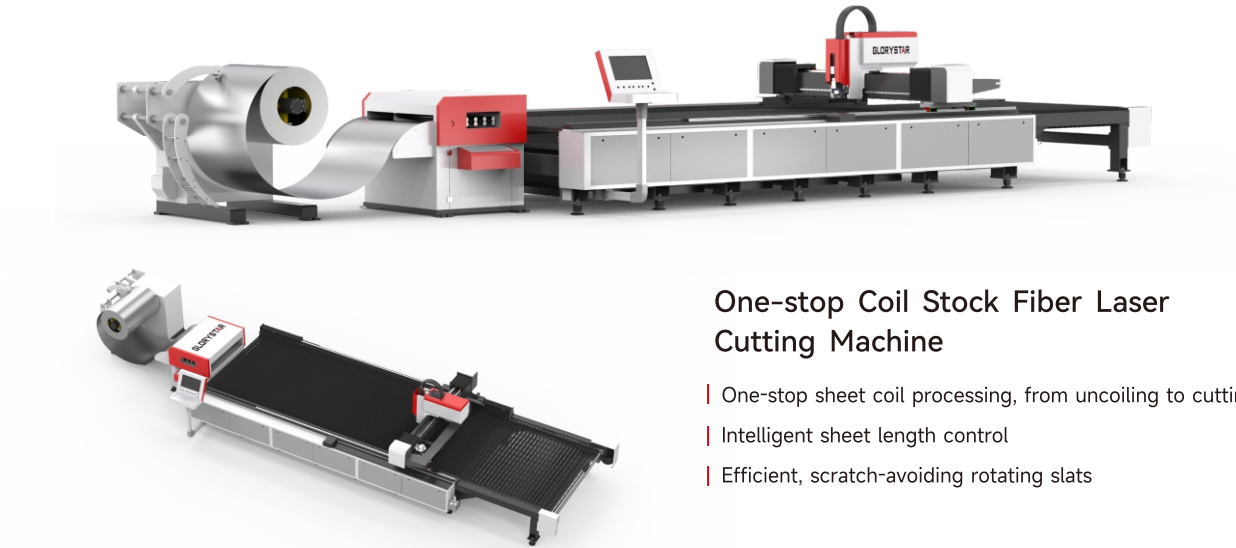
Fully Automatic Loading & Unloading Device for Tube

- | Meets the needs for automated loading and unloading of 3-6 meter tube
- | Saves labor costs, and increases production efficiency
- | Intelligent production for high efficiency



Semi-automatic Loading & Unloading Device for Tube

- | Meets the need for automatic loading and unloading of various tubes
- | Reduced labor requirements, saving cost and improving production efficiency
- | Intelligent production, high work efficiency, protecting the tube from being scratched



One-stop Coil Stock Fiber Laser Cutting Machine

- | One-stop sheet coil processing, from uncoiling to cutting
- | Intelligent sheet length control
- | Efficient, scratch-avoiding rotating slats



339 QUALITY INSPECTION PROCESSES

