



GOLDEN LASER

Quality of Ingenuity

Intelligent Laser Equipment Application Provider



For more information, please pay attention to the public



Turn on Tiktok and sweep
Tiktok: GOLDENLASER

GOLDEN LASER

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Focus on Automatic Intelligent Laser Application Solutions

WUHAN GOLDENLASER CO.,LTD

Stock code: 300220



▶▶▶ **Company profile**

Wuhan Golden Laser Co., Ltd. was established in 2005 and was listed on the GEM of Shenzhen Stock Exchange as the first laser company in 2011. It adheres to the digital intelligence strategic plan of using digital technology to transform traditional industries and focuses on technology research and development, guided by technology application, after ten years of hard work, the company has become a provider of digital technology commercial application solutions, and has successively won the "National Enterprise Industrial Design Center" and the "National New Information Consumption Demonstration Enterprise" national-level Special New Little Giant Enterprise" and many other honors, and has achieved more than 620 intellectual property scientific and technological achievements.

Golden Laser is pioneering, innovative and enterprising, and has built two major business segments: industrial intelligence applications and commercial intelligence applications. In the field of industrial intelligent laser equipment manufacturing, we have launched a series of models such as large-format laser cutting machines, small-format laser cutting machines, dye sublimation laser cutting machines, laser die-cutting machines, and laser engraving machines for flexible non-metallic materials. The application fields include automobile manufacturing, industrial filtration, aerospace, special protection, electronics and appliances, dye sublimation, printing and packaging, film and tapes, textiles and clothing, shoes and bags, outdoor sports and other industries. Guided by customer needs, keep focusing on industry segments and continuous strong investment in R&D, and strive to create star products with specific new functions to meet the different production needs of customers in various industries.

Quality is the foundation for the survival of an enterprise, credibility is the soul of an enterprise's existence, service is the guarantee of enterprise development, innovation is the source of enterprise growth, and satisfying customers with the best service is our eternal work standard. Facing the new market competition environment, Golden Laser will adhere to the corporate spirit of "unity, innovation, integrity, and service", serve you enthusiastically, and help you achieve your goals.

▶▶▶ **Corporate honors**





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DEVELOPMENT HISTORY

- 2023 To be continued.....
- 2022 In August, Golden Laser won the title of "National New Information Consumption Demonstration Enterprise", in September, Golden Laser won the title of "National Intellectual Property Advantage Enterprise"
- 2021 In November, Golden Laser was awarded the title of "National Industrial Enterprise Planning Center"; in December, was awarded the title of "Hubei Province Specialized, Special and New Little Giant" enterprise
- 2019 **Wuhan Golden Laser Technology Center passed the certification of Hubei Provincial Industrial Design Center in 2019**
- 2018 Golden Laser EMS intelligent workshop management system was successfully developed and put into use in the factory.
- 2017 Golden Laser EMS intelligent workshop management system was successfully developed and put into use in the factory.
- 2016 Golden Laser's original independent developed powerful multi-functional smart vision system with asynchronous double-head asynchronous mutual movement system was officially released and successfully applied in the leather shoe industry
- 2014 Golden Laser USA and Golden Laser Vietnam sales and service centers were officially established
- 2013 Digital Technology Center was officially established
- 2012 The VisionCUT system developed for the dye sublimation sportswear industry was successfully launched, and subsidiary Vitop Laser officially entered the field of fiber laser metal cutting.
- 2011 **In May, Golden Laser was officially listed on the GEM of Shenzhen Stock Exchange.**
- 2010 In April, Golden Laser's R&D Building with a construction area of 20,000㎡ was officially delivered.
- 2009 Golden Laser's first 3.2m ultra-wide laser cutting machine was delivered and put into service. Golden Laser brand laser cutting machines are well-known in the industry for the customization capabilities.
- 2008 Stepping into industrial textile industry, first shown up at filtration industry expos and received unanimous praise; In November, Golden Laser's "Laser Embroidery System" won the National Torch Program.
- 2007 In April, the ultra large galvo area 3D dynamic focusing large format galvo laser engraving machine was launched in Golden Laser.
- 2006 Embedded offline CNC system was successfully launched after three years development; In January, the Golden Laser toys specific laser cutting machine series were fully applied in the cutting process of 2008 Beijing Olympic Fuwa.
- 1995-2005 After more than ten years of development, Golden Laser Industrial Park was completed and put into operation.

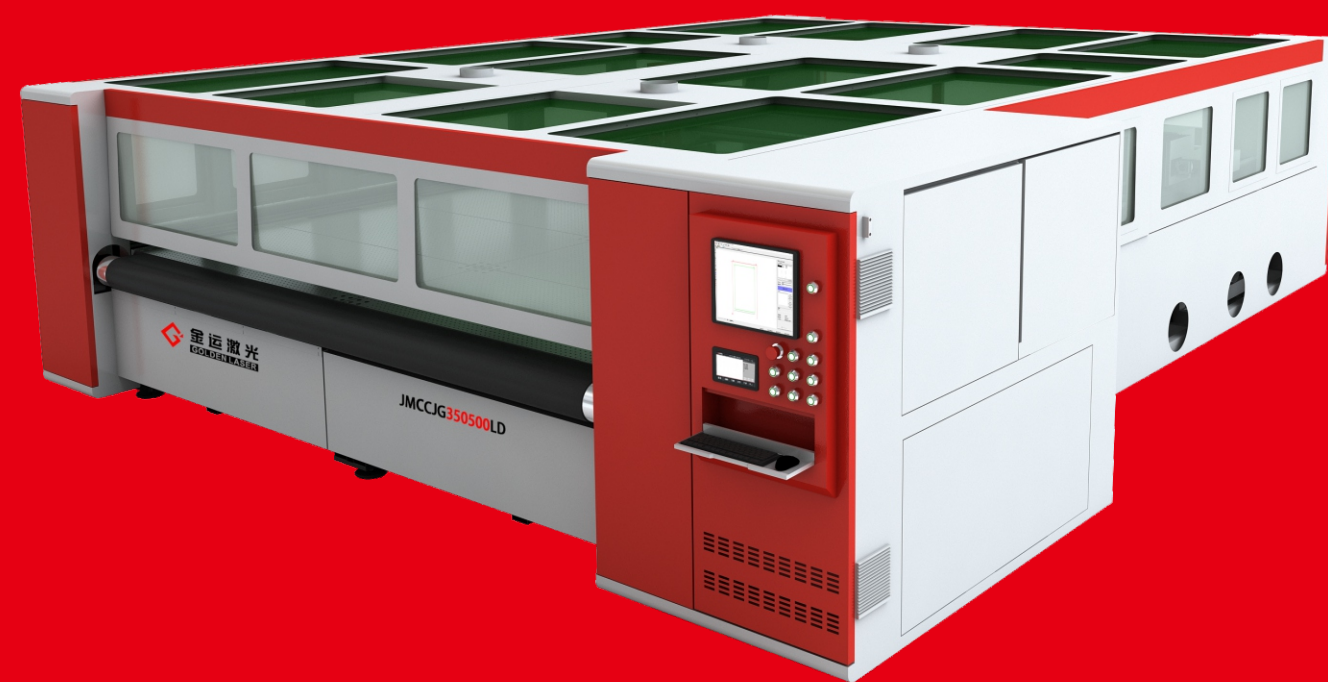
Golden Laser Core Resource

Focus on Automatic Intelligent Laser Application Solutions

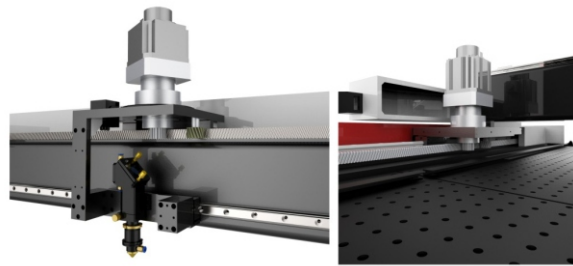
Independent R&D/independent design/ingenuity quality/attentive service



▲ Large Format Flatbed Laser Cutting Series



Large Format Flatbed Laser Cutting Series



High precision grade rack and pinion drive with long lasting stability.



Superior optical system for stable laser output power and high-quality laser spot.



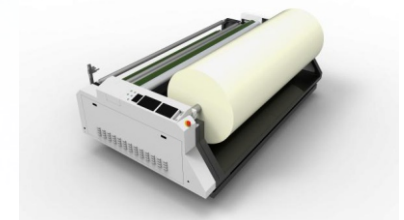
Vacuum conveyor working table, flat, fully automatic, low laser reflectivity.



Self-developed control system with independent intellectual property rights.

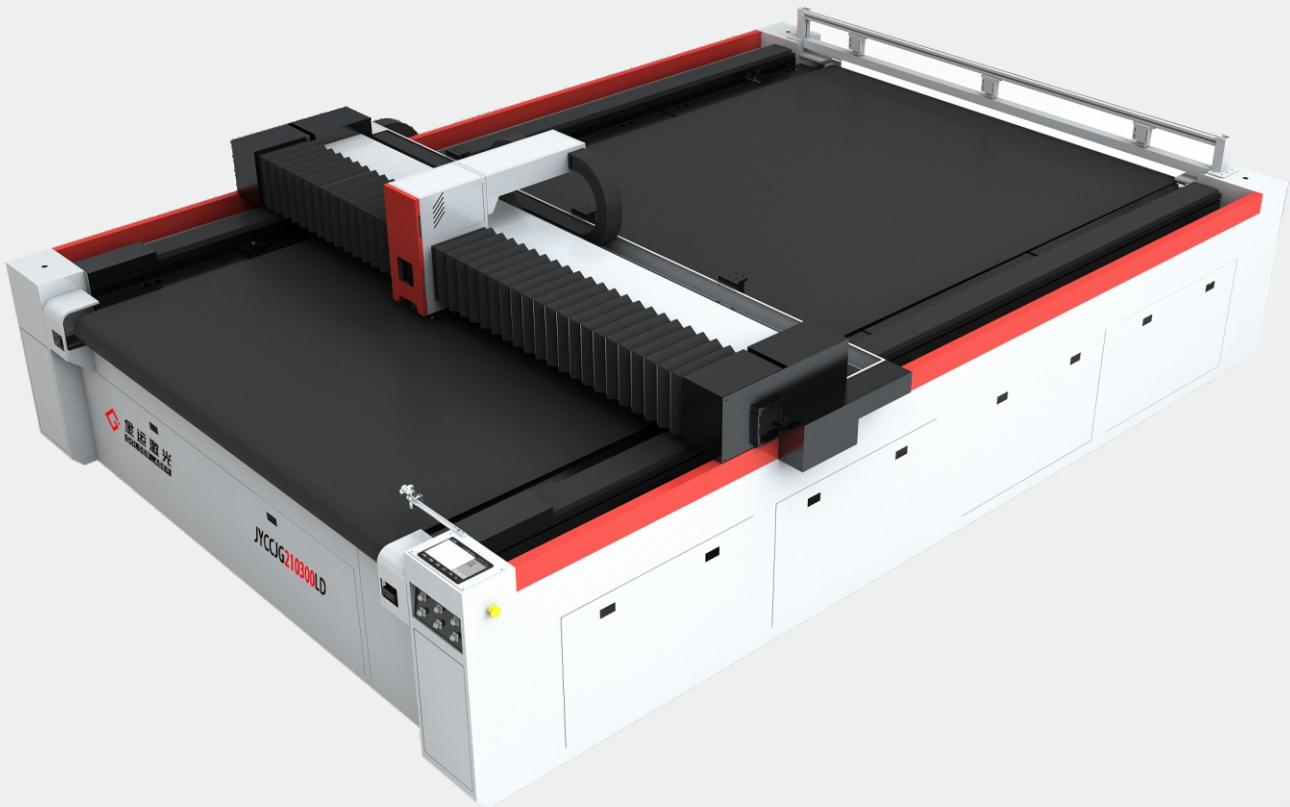


Imported servo motor, high precision, stable speed, strong overload capacity, low noise and temperature rise.



Automatic feeder, tension correction, and linkage with the machine to achieve continuous feeding and cutting.

Laser Cutting Machine for Flexible Materials



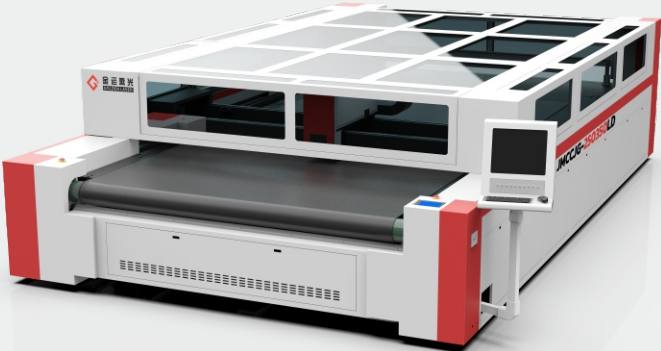
*Products of different specifications can be selected as needed, and all technical parameters are subject to the technical solutions provided.

Repeatability	Speed	Acceleration	Laser power
±0.1mm	0-1200mm/s	8000mm/s²	150/200/300/600W

Working area (Customizable)

X axis (mm)	1600/1800/2100/2300/2500/3000/3200/3500
Y axis (mm)	2000/2500/3000/4000/5000/8000/10000

Options: :
Vision system, multi-head cutting system, automatic feeding and collecting system, inkjet marking module, Galvo flying cutting system



Features



High speed and high precision mechanical structure design



High level of safety and protection



Self-developed control system, independent intellectual property right



Reinforced welded bed, large gantry precision machining

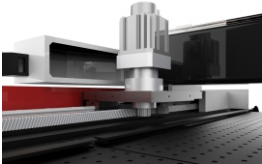


Imported servo motor, high precision and stable speed

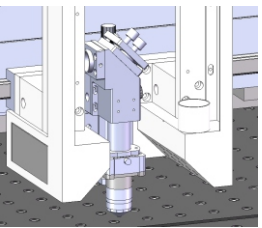


Expansion options and individual modules are available

Mechanical Structure



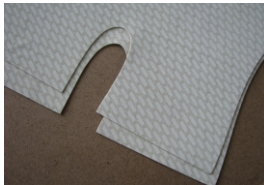
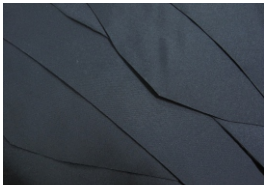
High-speed high-precision rack and pinion



Laser cutting head

Samples

Suitable for flexible non-metallic materials such as textile fabrics, composites, industrial fabrics, leather, etc.



Application Industries



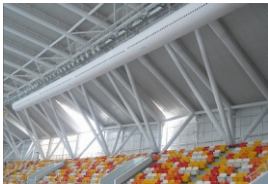
Industrial Filtration



Automotive



Textile & Apparel



Textile Ventilation Ducts

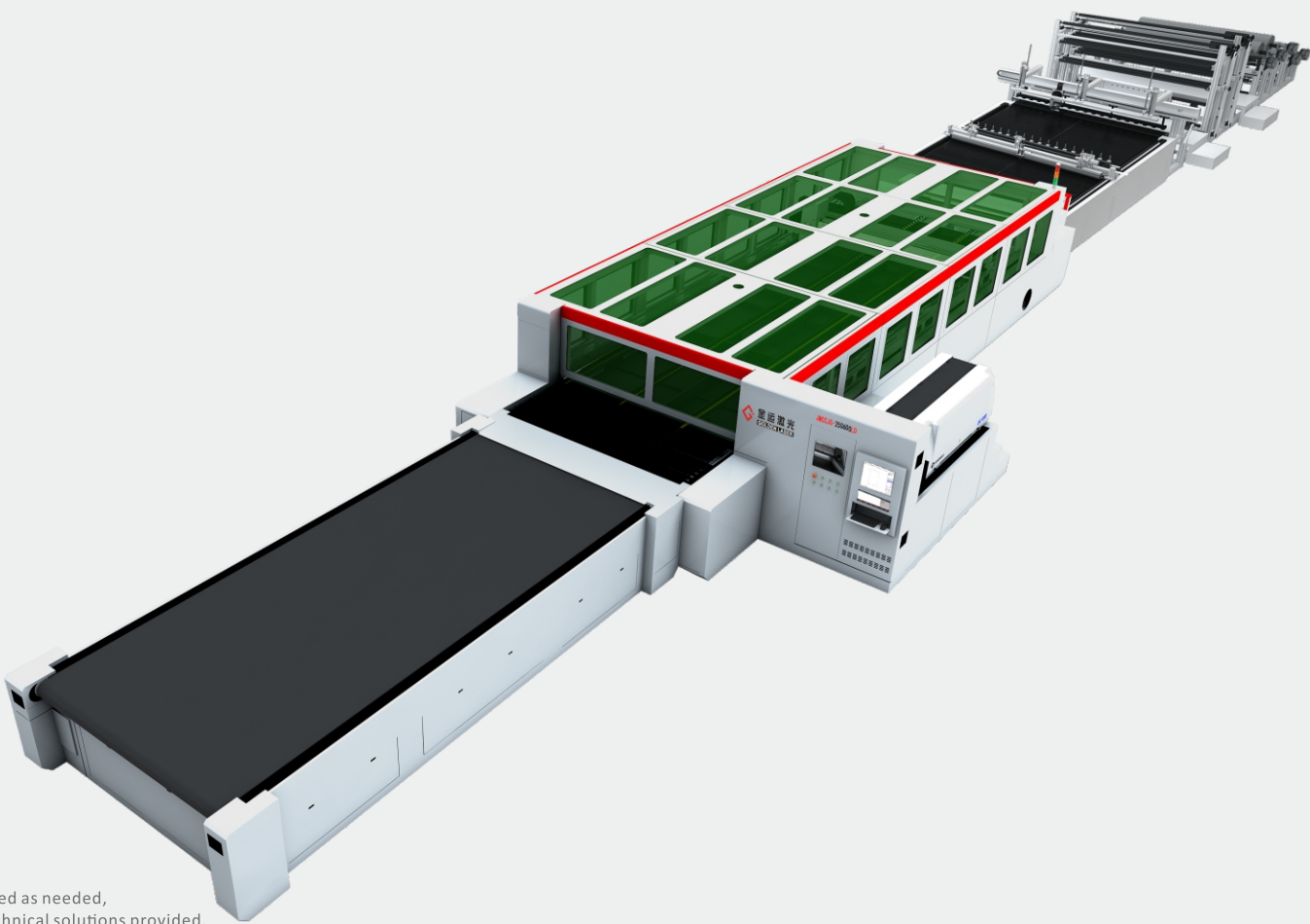


Speciality Protection

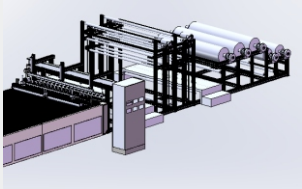


Outdoor Sports

Laser Cutting Machine for Airbags



*Products of different specifications can be selected as needed, and all technical parameters are subject to the technical solutions provided.



Multi-layer spreading device



Knife strip conveyor working table

Features



Imported high power CO2 laser generator, Superior and stable performance, high density of laser spotLow maintenance, long service life



Customized optical components for quality cutting of multi-layer materials



Dedicated control system
Independent intellectual property rights



Fully automated processing flow
Intelligent management system



Automatic multi-layer spreading, cutting and collecting
All-in-one working mode

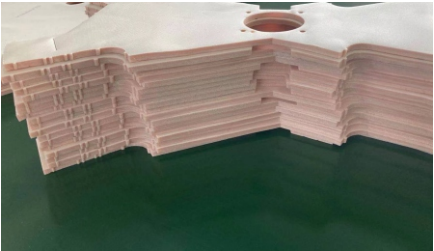
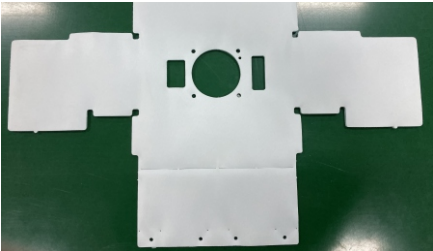
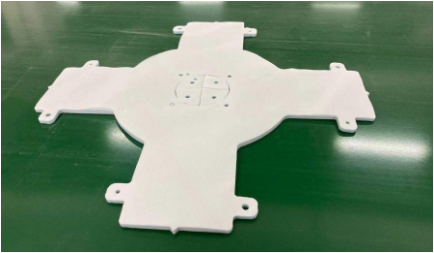
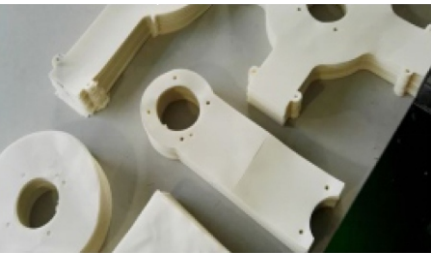


High rigidity reinforced welded bed
Secondary annealing, effective stress relief

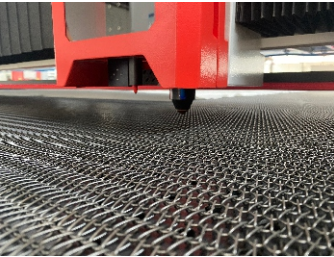
Technical Parameters

Repeatability	Speed	Acceleration	Laser power
±0.1mm	0-1200mm/s	8000mm/s²	300/600/800/2500/3000W
Customized cutting area:			
X axis (mm)	2100/2500/3000		
Y axis (mm)	3000/4000/5000/6000		

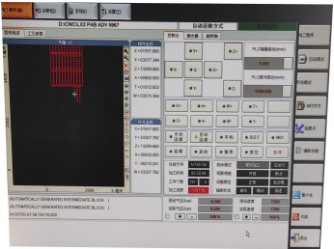
Samples



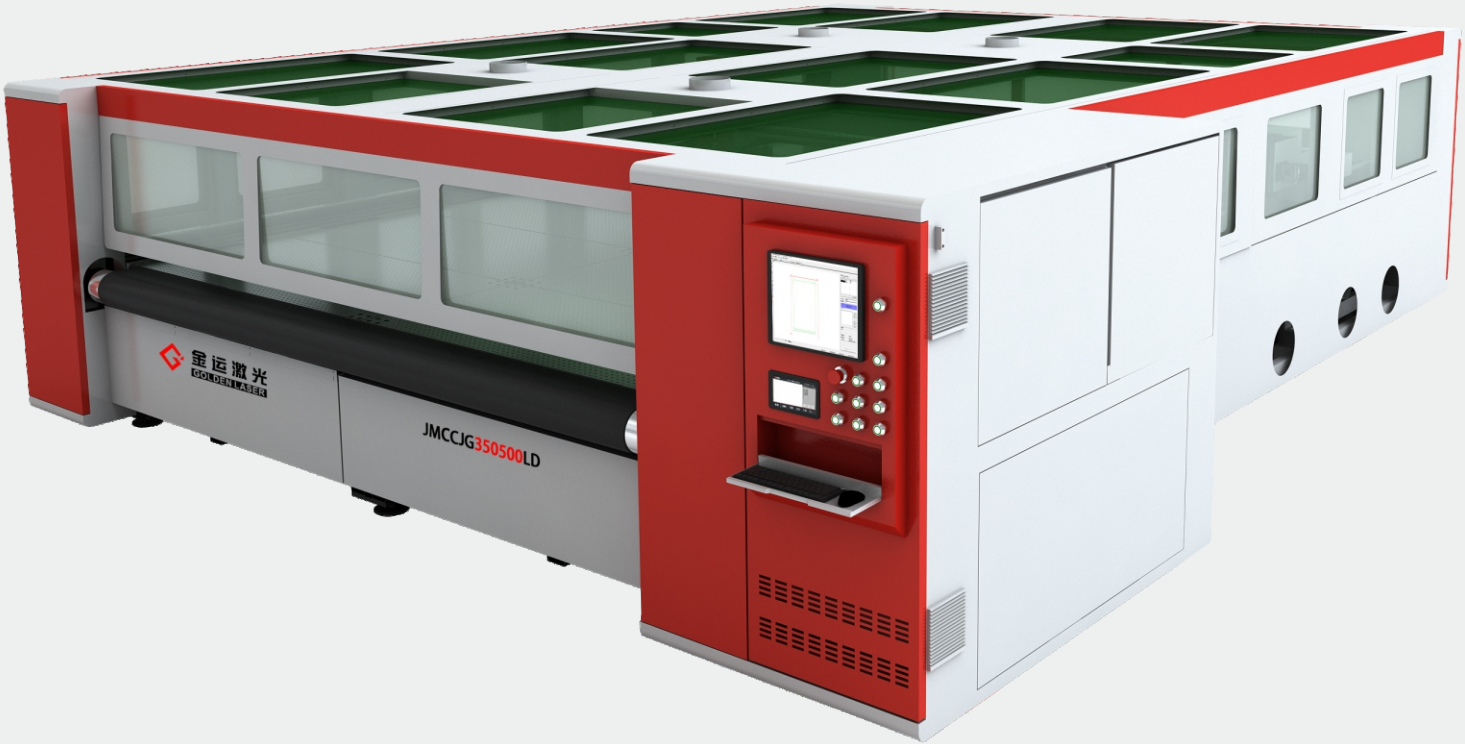
Laser Cutting Machine for Filter Material



Inkjet marking device



Self-developed control system

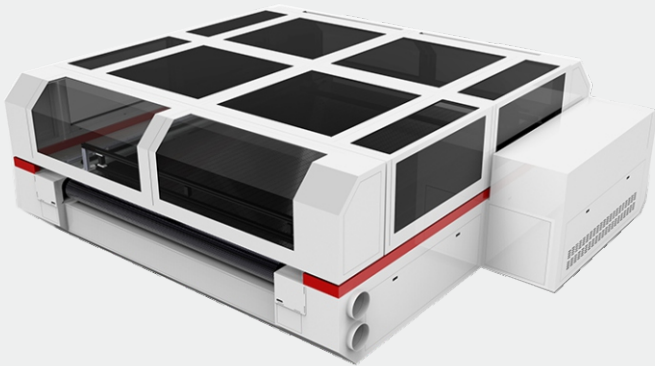


Repeatability	Speed	Acceleration	Laser power
±0.1mm	0-1200mm/s	8000mm/s²	300/600/800W

Working area 3500mm×4000mm (Customizable)

X axis (mm)	2100/2500/3000/3200/3500
Y axis (mm)	3000/4000/5000/6000

Options:
Single layer feeding system, multi-layer feeding system,
inkjet marking device



*Products of different specifications can be selected as needed,
and all technical parameters are subject to the technical solutions provided.

Features



High speed rack and pinion drive
High speed bilateral synchronous drive



All imported key components



Heavy-duty high-strength welding bed
Large gantry precision machining



Water circulation cooling system

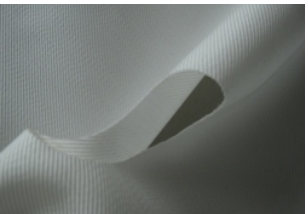
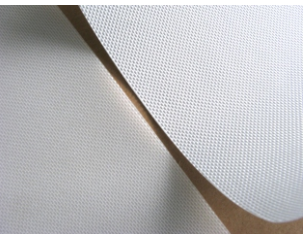


Fully automated processing flow
Intelligent management system

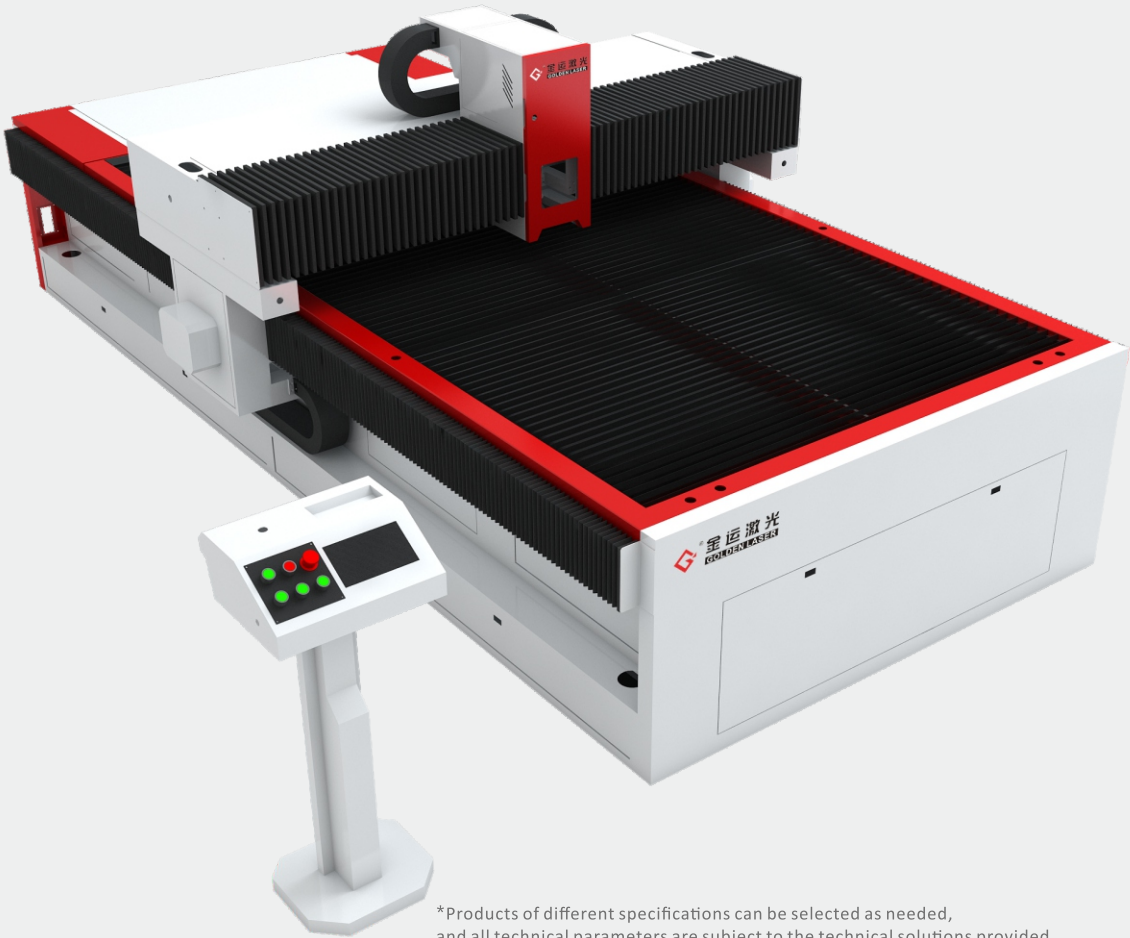


Distributed extraction system
Effective absorption of fumes and dusts

Samples



Laser Cutting Machine for Solid Material



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Repeatability	Speed	Acceleration	Laser power
±0.1mm	0-1200mm/s	8000mm/s²	150/200/300/600W

Working area (Customizable)

X axis(mm)	1300/1500/2100
Y axis(mm)	2500/3000/4000

Options:
Vision system, multi-head cutting system, Galvo flying cutting system



Features



Rack and pinion drive structure;
High speed bilateral synchronous drive



Distributed extraction system;
Effective absorption of fumes and dusts



Reinforced welded bed;
Large-scale gantry precision milling



Imported servo motor;
High precision and stable speed

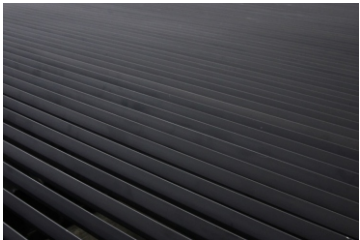


Automatic distance measurement;
Automatically adjust focus based on material thickness

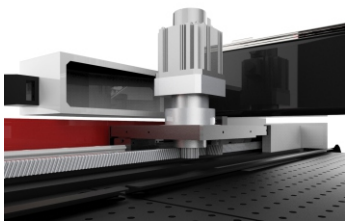


Open-type structure;
Loading and unloading with ease

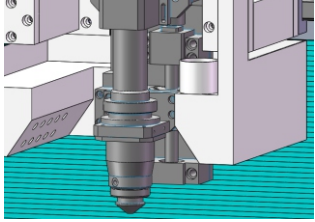
Mechanical Structure



Knife strip working table



High-precision rack and pinion drive



Laser cutting head

Application Industries



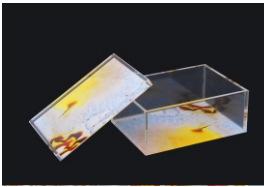
Advertising



Automotive



Decoration



Crafts and gifts



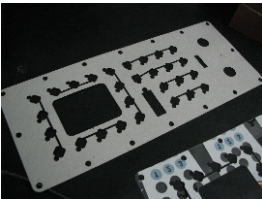
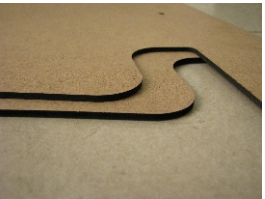
Cultural Creation



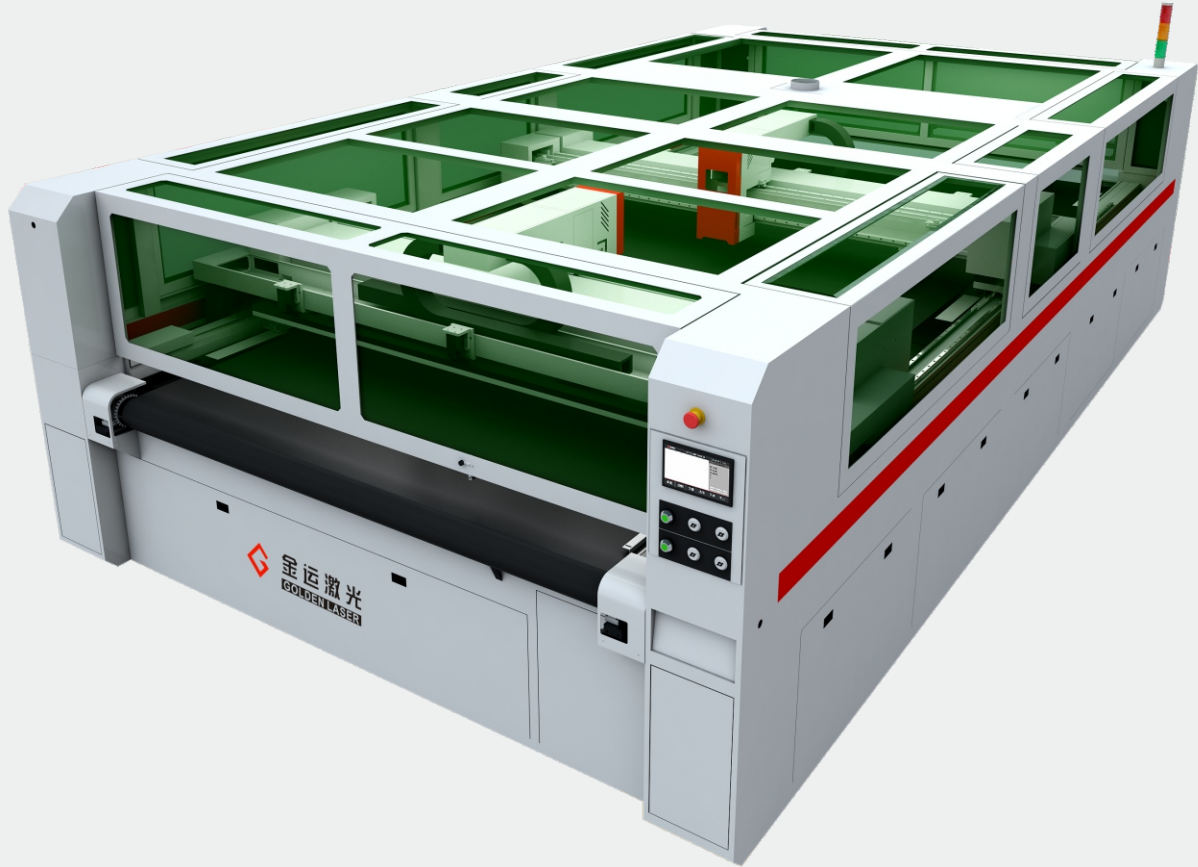
Outdoor sports

Samples

Suitable for cutting and engraving non-metallic plates and sheets.



Large Format Multi-head Laser Cutting Machine



Repeatability	Speed	Acceleration	Laser power
±0.1mm	0-1200mm/s	8000mm/s²	150/200/300/600W

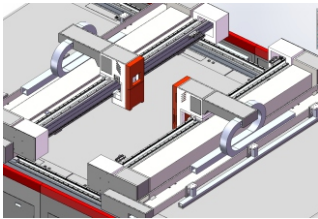
Working area (Customizable)

X axis(mm)	1600/1800/2100/2500/3000/3200
Y axis(mm)	3000/4000/6000/8000/10000

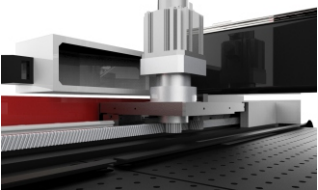
Options:
Automatic feeder, inkjet marking module, vision system

*Products of different specifications can be selected as needed, and all technical parameters are subject to the technical solutions provided.

Structure



Double head asynchronous cutting



High speed rack and pinion drive

Applicable materials

Suitable for flexible non-metallic materials such as textile fabrics, composite materials, industrial fabrics, and leather, etc.

Features



High-speed high-precision mechanical structure design



Multiple laser heads working together
High efficiency, energy saving



Reinforced welded bed
Large-scale gantry precision milling



Imported servo motor
High precision, stable speed

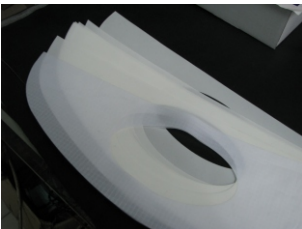
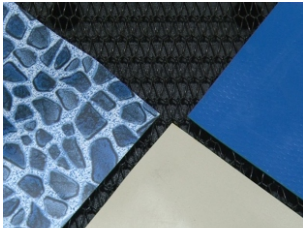
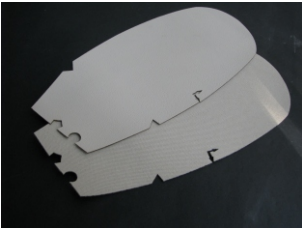


Multi-head dedicated control system
Self-developed design

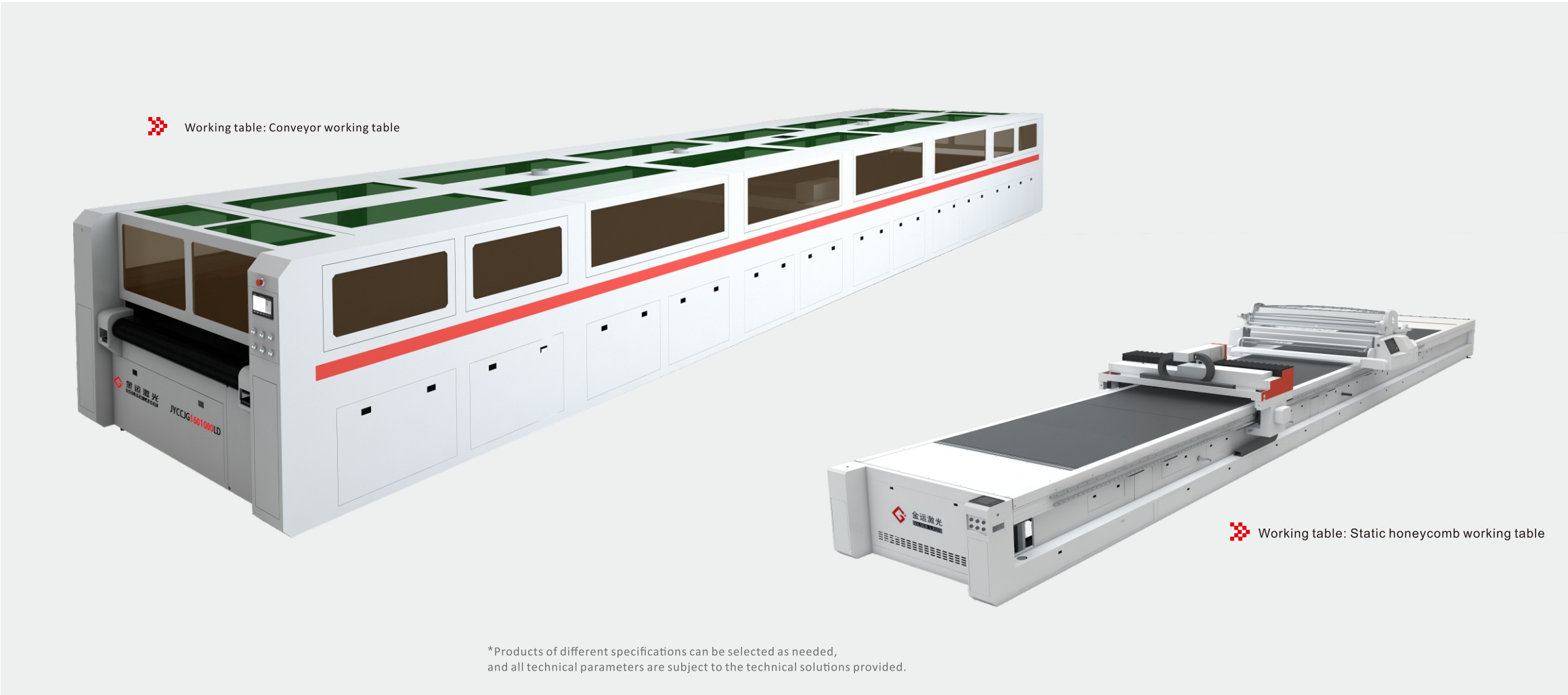


Modular structure
Reserved expansion interface

Samples



Ultra-long Format Laser Cutting Machine



Technical Parameters

Repeatability	Speed	Acceleration	Laser power
±0.1mm	0-1200mm/s	8000mm/s²	150/200/300/600W

Working area (Customizable)

X axis(mm)	1600/1800/2100/2500/3000/3200/3500
Y axis(mm)	6000/7000/8000/9000/10000

Options:
Vision system, automatic feeder, automatic spreading system, marking device (MARK pen, inkjet), multi-head cutting

Features


Extra-long and extra-wide format


Distributed extraction system
Effective absorption of fumes and dusts


Equipped with cloth spreading machine
Multi-layer spreading and cutting


Imported servo motor
High precision and stable speed


Self-developed control system
for ultra-long continuous processing


Modular design
Easy to assemble and transport

Application Industries

Suitable for outdoor billboards, large-format banners, outdoor sports, parachutes, paragliders, sails, tents, assault boats, etc.



High Speed Galvo Laser Cutting Machine

Repeatability	Galvo speed	Gantry speed	Laser power
±0.1mm	0-8000mm/s	0-800mm/s	150/300/500W

Working area (Customizable)

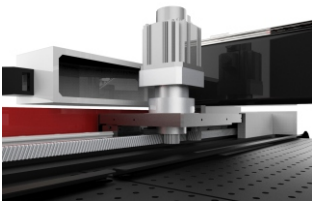
X axis(mm)	1700-2000
Y axis(mm)	2000-8000

Options:
Automatic feeder, vision system

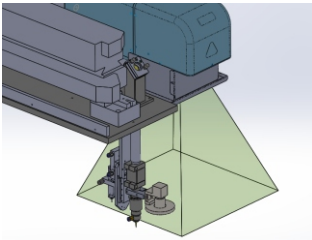


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Structure



High speed rack and pinion drive



Galvo & gantry laser cutting heads

Features



Rack and pinion drive structure
High speed bilateral synchronous drive



3D dynamic galvanometer control system
Automatic switching of Galvo and gantry



Large format galvanometer splicing processing



Closed-loop motion control system
Independent Intellectual Property Rights



Follow-up exhaust device
Exhaust smoke quickly and thoroughly



Modular design
Easy to assemble and transport

Applicable industries

Suitable for clothing, upholstered furniture, textile ventilation ducts, outdoor products, decoration, leather products, etc.



Leather Goods



Fabric Air Ducts



Textile Clothing



Outdoor Sports



Home Decoration



Home Textiles

Samples





▲ Laser die cutting series

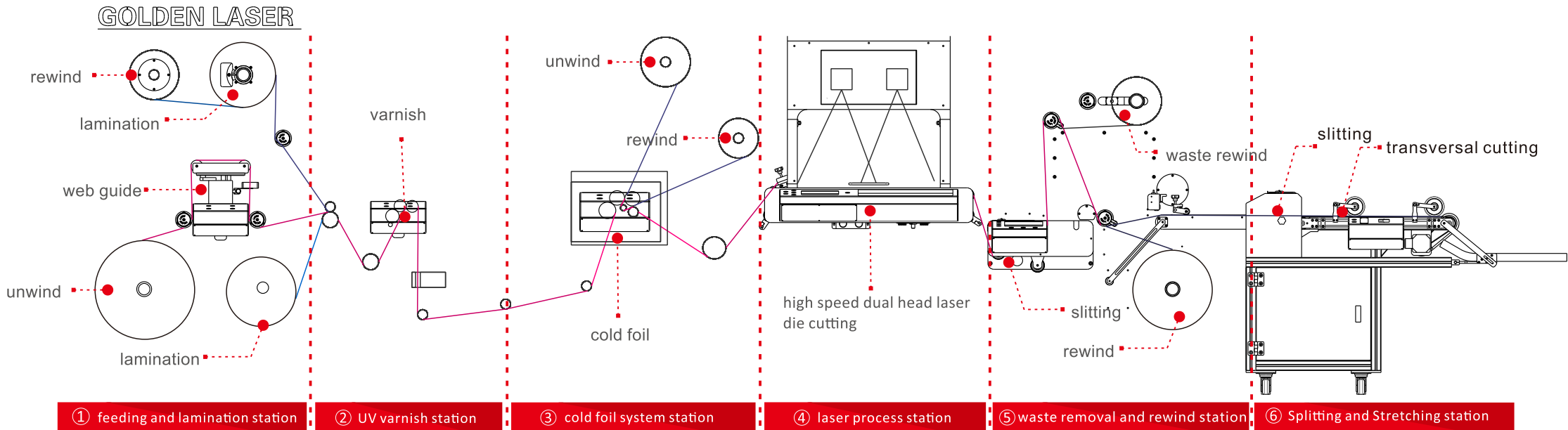


Printing and packaging laser die cutting machine



Modularized customization design

Golden Laser intelligent high speed laser die cutting system adopts the concept of customization, modularization, and integrated design, optional processes flexo print, varnish, cold foil, slitting, transversal cutting can be realized according to the demands, fulfill your personalized demands



Roll width(mm): 230/350/450(customized)
Roll length: limitless
Die cut precision: $\pm 0.1\text{mm}$
Die cut speed: 120m/min
Laser type: Co2, picosecond, UV laser, etc.
Laser power: 150w/200w/300w/600w

Printing and packaging laser die cutting machine



Roll to roll/roll to sheet high speed intelligent laser die cutting machine



Sheet to sheet high speed intelligent laser die cutting machine

features



digitalized intelligent control system



tooling free
mass production, fast response



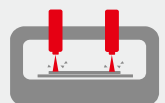
full imported components
high precision, high quality



visual registration
bar code management
patterns changing on the fly
OneClick operation



standard & modular design, arbitrary
combinations by processes demands



multi laser heads synchronous die cut
120m/min high speed

Applicable materials



PP



BOPP



synthetic paper



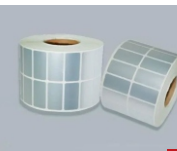
PET



glossy paper



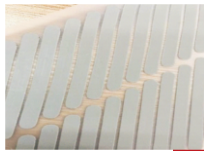
color paper



Silver Polyester



Coated Paper



Reflective Film



color paper



card paper



paper box

Film and tape laser die cutting machine

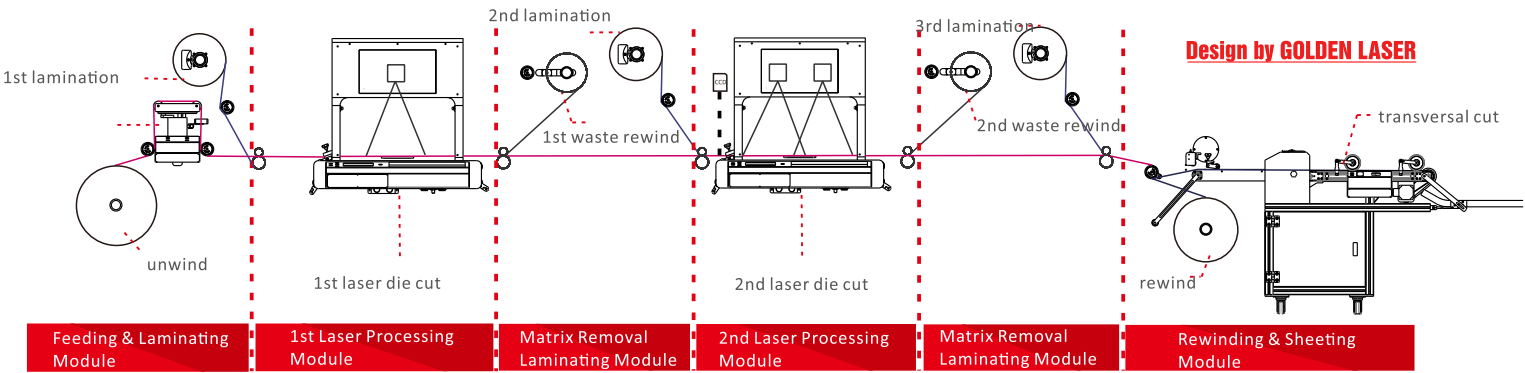


technical parameters

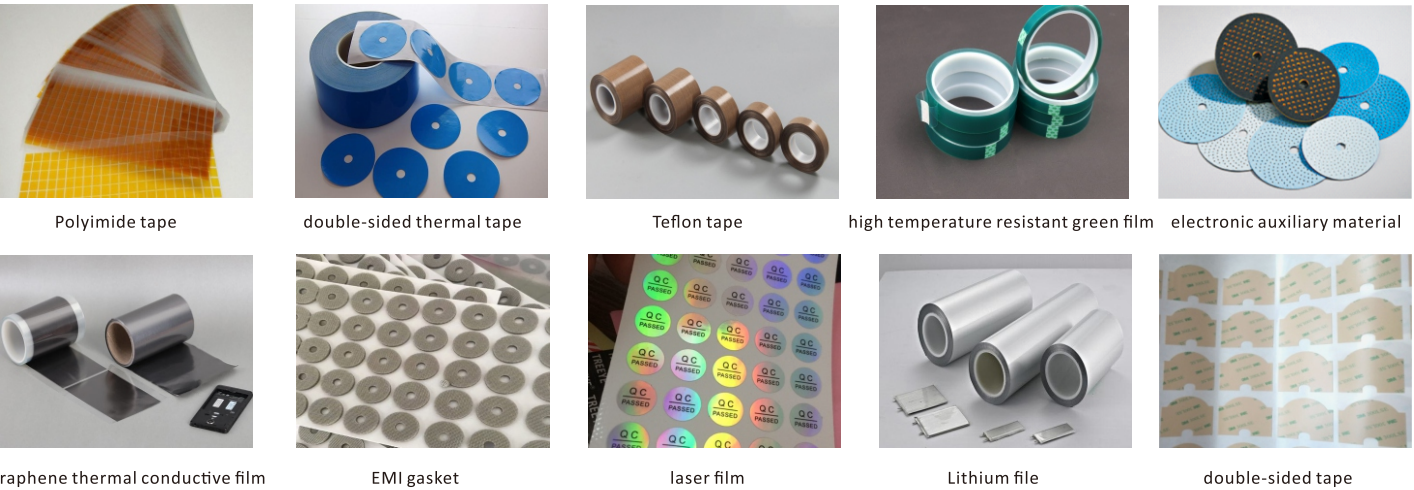
die cut precision	die cut speed
±0.1mm	60m/min
laser power	
150/200/300/600W	
Laser type	
Co2, picosecond, UV laser, etc.	
roll width (mm)	
120/230/350/450	
customization optional	

*Products of different specifications can be selected as needed, and all technical parameters are subject to the technical solutions provided.

Modularized customization design



Application





▲ Digital Printing Cutting Series



GoldenCAD Vision Laser Cutting Machine



*Products of different specifications can be selected as needed, and all technical parameters are subject to the technical solutions provided.

Repeatability	Speed	Acceleration	Laser power
±0.1mm	0-800mm/s	6000mm/s²	150/200/300W

Cutting Area (mm) :
1600*1300/1900*1300 (Customizable)

Optional Configuration:
Auto Feeder, Multi-head Cutting

Features



Fully automated processing process is smart and efficient



Multiple visual positioning algorithms to meet different positioning and cutting needs



Equipped with an automatic feeding system with a high degree of intelligence



Independent research and development control system



Distributed exhaust structure, which effectively absorbs cutting smoke particles

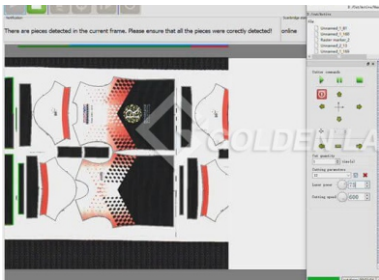


Dedicated laser cutting solution for digital printing

Structure



Multi-head Asynchronous Cutting



Scan Recognition



Auto Feeder

Application Industry



Jersey



Cycling Clothing

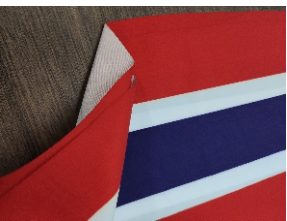


Swimsuit



Yoga Clothing

Cutting Samples



GoldenCAM Vision Recognition Laser Cutting Machine

Features



High-speed and high-precision mechanical transmission



Openable front and rear doors, safe and environmentally friendly



Dedicated intelligent vision algorithm, high-precision cutting



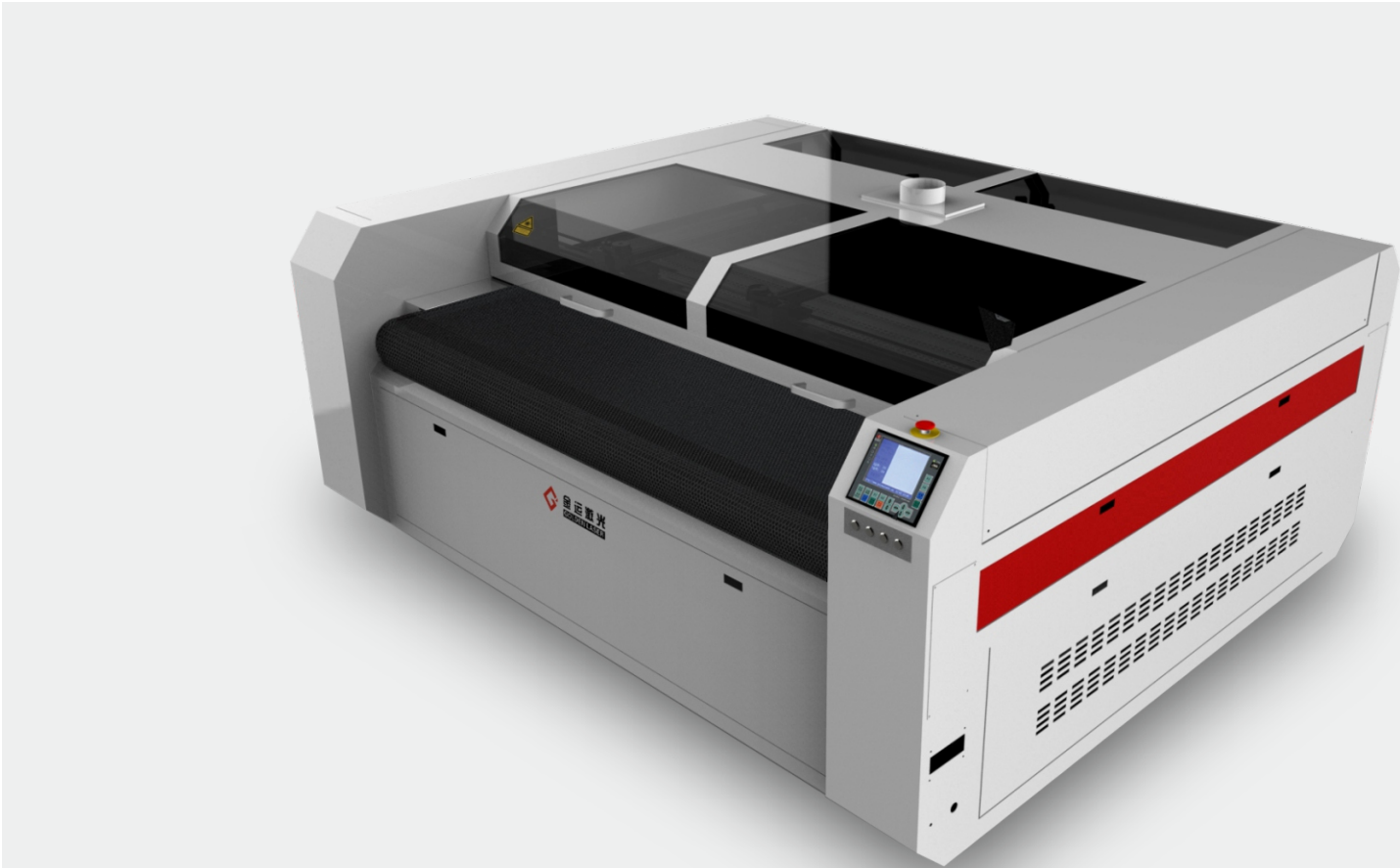
Independently developed multi-axis closed-loop motion control system with high scalability



Distributed exhaust structure, which effectively absorbs cutting smoke particles



Simple operation and convenient maintenance



Repeatability	Speed	Acceleration	Laser power
±0.1mm	0-800mm/s	0-6000mm/s²	150/200/300W

Cutting Area (mm) :
1500*900 (Customizable)

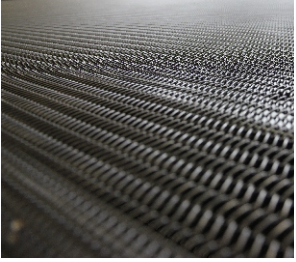
Optional Configuration: Auto Feeder, Multi-head Cutting

*Products of different specifications can be selected as needed, and all technical parameters are subject to the technical solutions provided.

Structure



HD Camera Auto Recognition



Mesh Belt Cutting Table



Dedicated Vision Algorithm Imaging

Application Industry



Numbers



Letters



High-precision graphics



Small logo

Cutting Samples

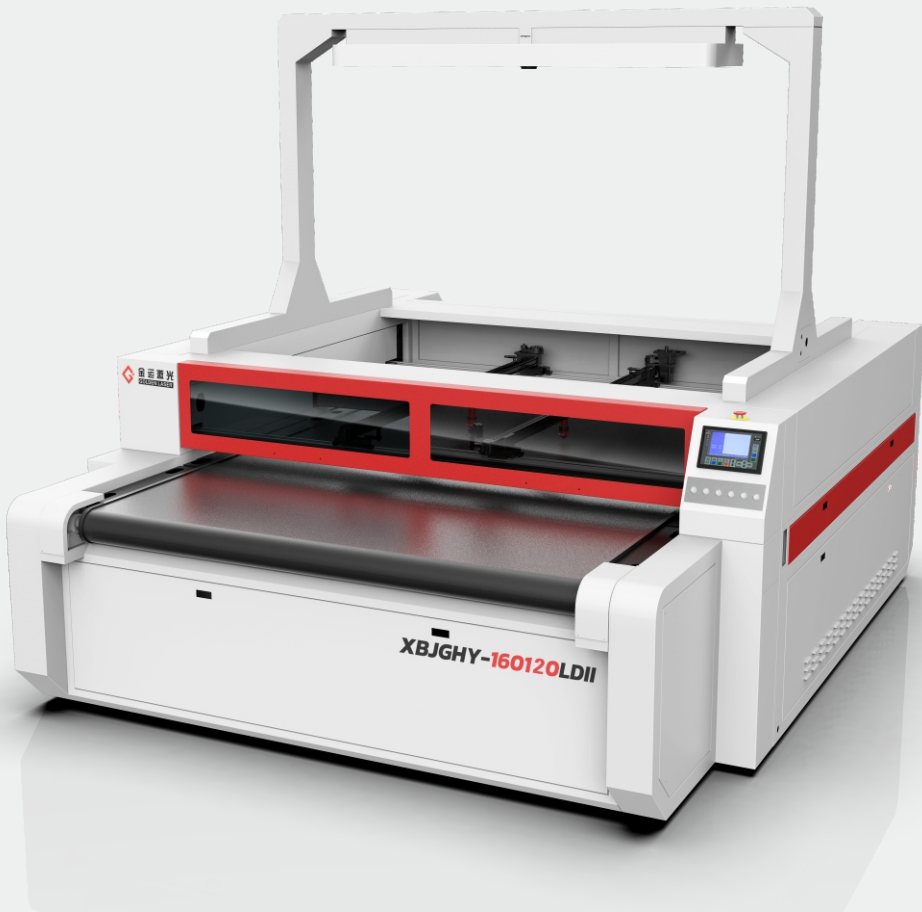


GoldenSMART Vision Laser Cutting Machine

Repeatability	Speed	Acceleration	Laser power
±0.1mm	0-800mm/s	0-6000mm/s²	150/200/300W

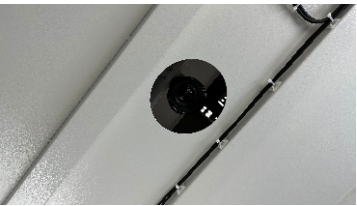
Cutting Area (mm) :
1600*1200
Customizable

Optional Configuration: Auto Feeder, Multi-head Cutting

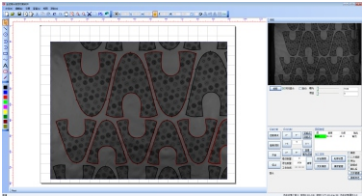


*Products of different specifications can be selected as needed, and all technical parameters are subject to the technical solutions provided.

Structure



HD Camera



Intelligent Camera Recognition

Features



Fully automated processing process is smart and efficient



Equipped with high-definition camera and intelligent camera recognition



Equipped with an automatic feeding system with a high degree of intelligence



Independent research and development control system



One machine for multiple purposes, high cost performance



Modular structure, strong scalability

Application Industry



Woven Label / Logo



Printed Upper



Printed Home Textiles



Advertising Banners

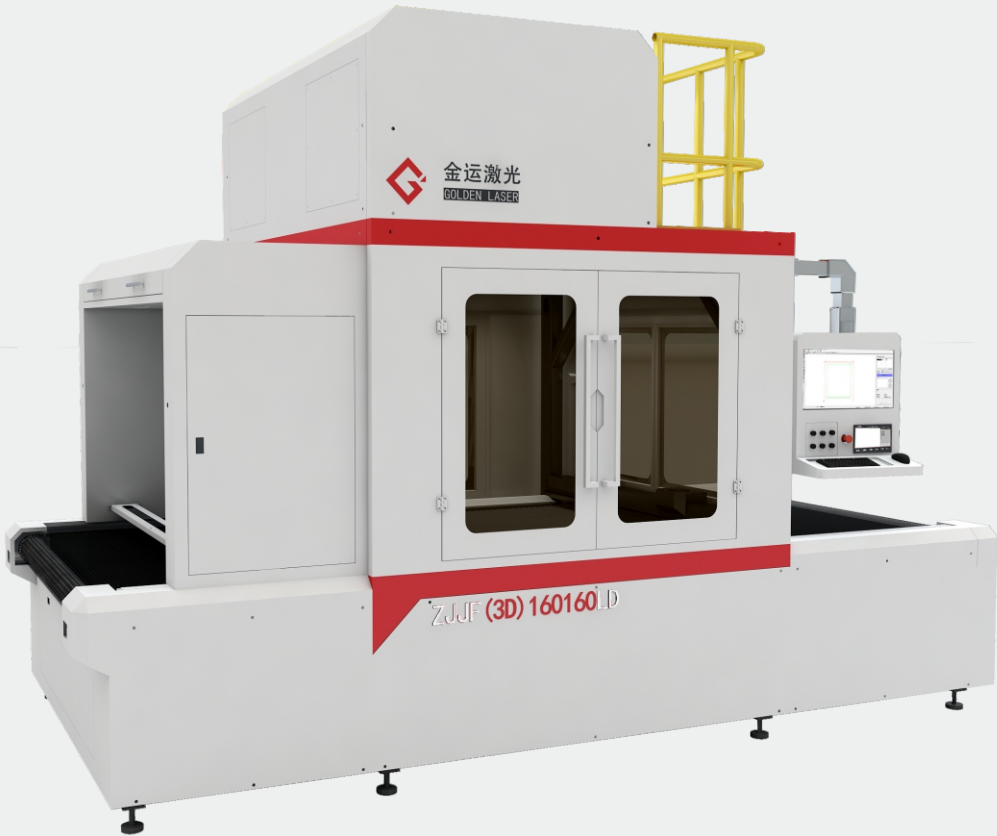
Cutting Samples



Golden Laser Vision Flying Galvanometer Laser Cutting Machine

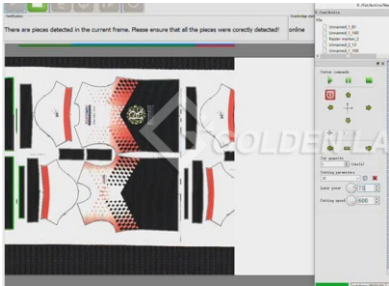
Cutting Area (mm) :
1600*1600 (Customizable)

Optional Configuration: Auto Feeder

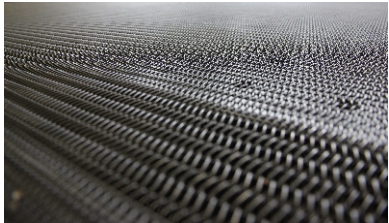


*Products of different specifications can be selected as needed, and all technical parameters are subject to the technical solutions provided.

Structure



Vision Scanning



Auto Feeder

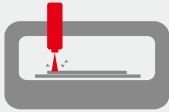
Features



Independently developed three-dimensional dynamic digital galvanometer control system



Intelligent vision scanning positioning



Ultra-high-speed continuous automatic flying cutting



Automatically changes speed based on graphic complexity



Fully enclosed design and visual door switch make operation more convenient



Distributed exhaust structure, which effectively absorbs cutting smoke particles

Application Industry

Jerseys(basketball jersey, football jersey, baseball jersey, ice hockey jersey, etc.), cycling clothing, fitness clothing, yoga clothing, dance clothing, swimsuits, etc.



Large Format Laser Cutting Machine for Advertising Banners

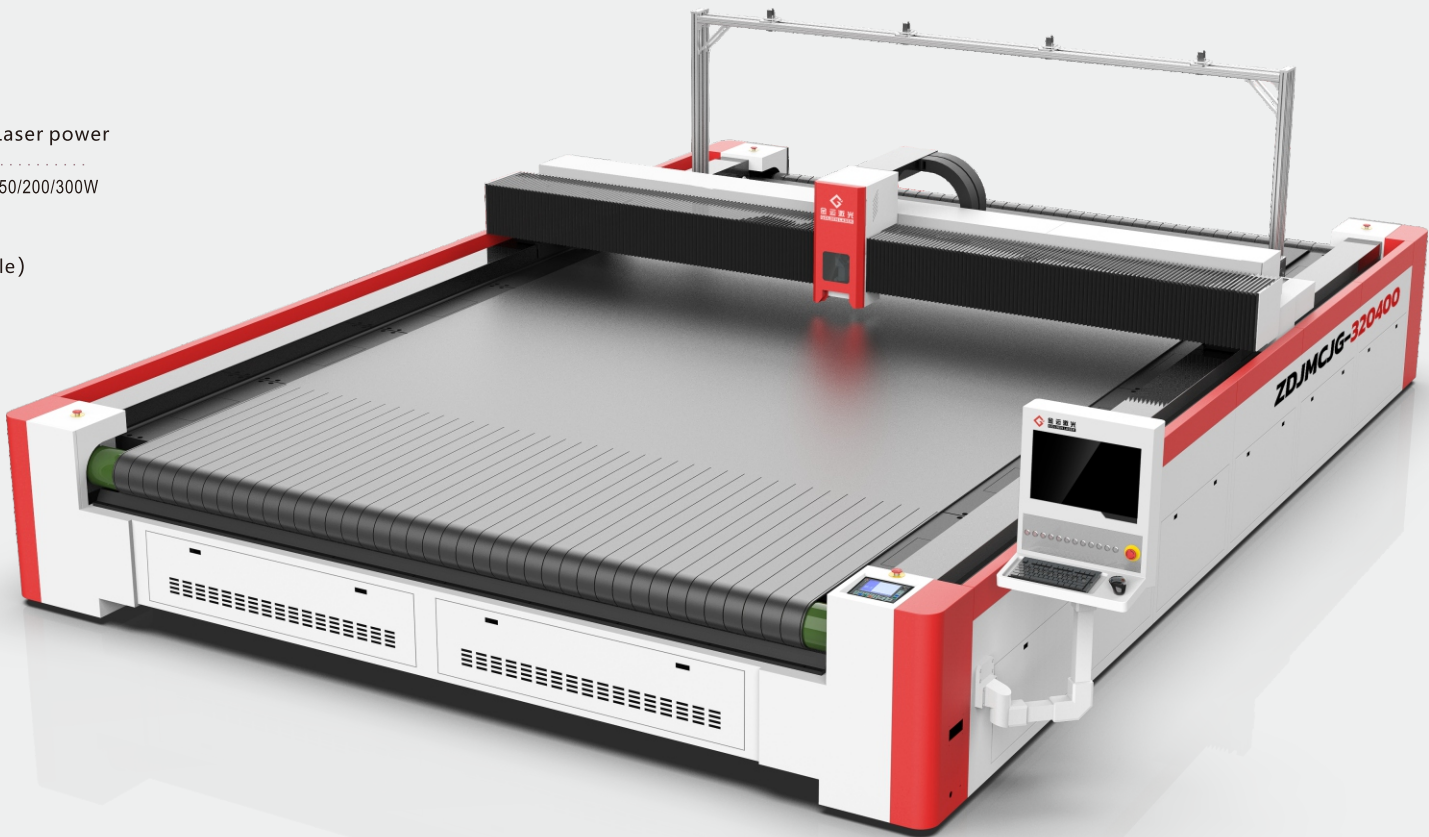
Repeatability	Speed	Acceleration	Laser power
±0.1mm	0-1000mm/s	8000mm/s²	150/200/300W

Cutting Area3200*4000mm (Customizable)

X axis(mm) 1600-3200

Y axis(mm) 2000-8000

Optional Configuration: Auto Feeder



*Products of different specifications can be selected as needed, and all technical parameters are subject to the technical solutions provided.

Features



Gear and rack transmission structure, high-speed bilateral synchronous drive



Equipped with multi HD cameras to complete graphic visual scanning, and feeding scanning is simultaneously performed



Continuous, splicing-free recognition of large-format graphics



Optional fully enclosed safety cover, which effectively enhances safety protection

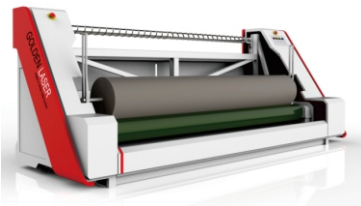


Distributed exhaust structure, which effectively absorbs cutting smoke particles

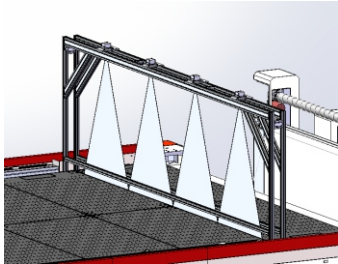


Reinforced welding bed, large gantry precision milling

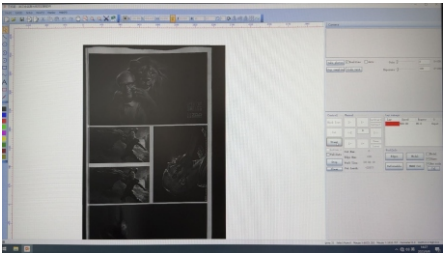
Structure



Auto Feeder

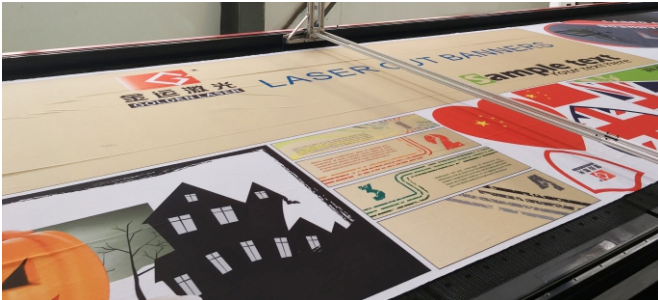
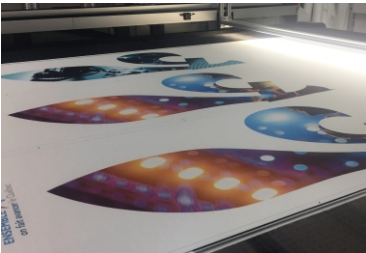
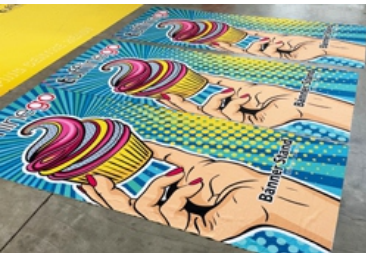


Multi Cameras Simultaneously Scan



Graphic Recognition Software

Cutting Samples



Golden Laser High Speed Laser Perforating and Cutting Machine



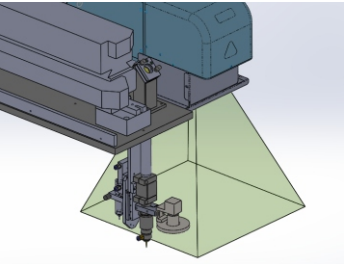
Repeatability	Galvo speed	Gantry speed	Laser power
±0.1mm	0-8000mm/s	0-800mm/s	150/200/300W

Cutting Area :
1700*2000mm Customizable

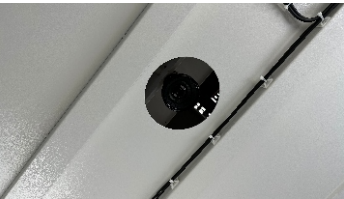
Optional Configuration: Auto Feeder

*Products of different specifications can be selected as needed,
and all technical parameters are subject to the technical solutions provided.

Structure



Auto Conversion of Galvo and Rack



Standard HD Industrial Camera

Features



Gear and rack transmission structure,
high-speed bilateral synchronous drive



Three-axis dynamic galvanometer
control system, automatic switching of
galvanometer racks



Independent intellectual property rights,
closed-loop motion control system



Equipped with high-quality digital
camera to achieve full-frame image
recognition

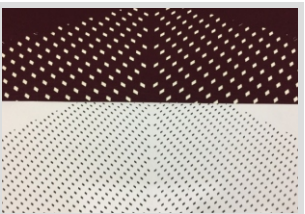
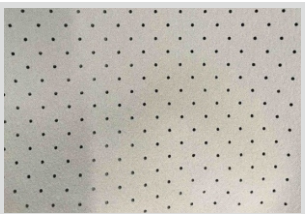


Follow-up smoke exhaust device,
and exhaust smoke quickly and
thoroughly



Reinforced welding bed,
large gantry precision milling

Cutting Samples





▲ Small Format Laser Cutting Series



Small Format General-purpose Laser Cutting Machine



Main parameters

Repeatability	Speed	Acceleration	Laser power
±0.1mm	0-800mm/s	6000mm/s ²	80/110/130/150W

Static working table (mm) :
1000*600/1300*900/1400*900/1600*1000/1800*1000

Options:
Up and down working table, shuttle working table,
vision system, multi laser heads, projector & nesting

Features



Unified high-standard design,
wide application



Compact design, convenient operation



Efficient processing
high cost-effectiveness



Simplified, practical,
flexible placement
Small footprint



Easy maintenance, low usage cost



Support automation, supporting functions

Application industry

Application: Apparel , footwear, suitcase and bags, signs, artwork, etc.
Materials: fabric, leather, fur, PU, composite materials, paper, cardboard, acrylic, wood, etc.



Independent Dual Heads Laser Cutting Machine

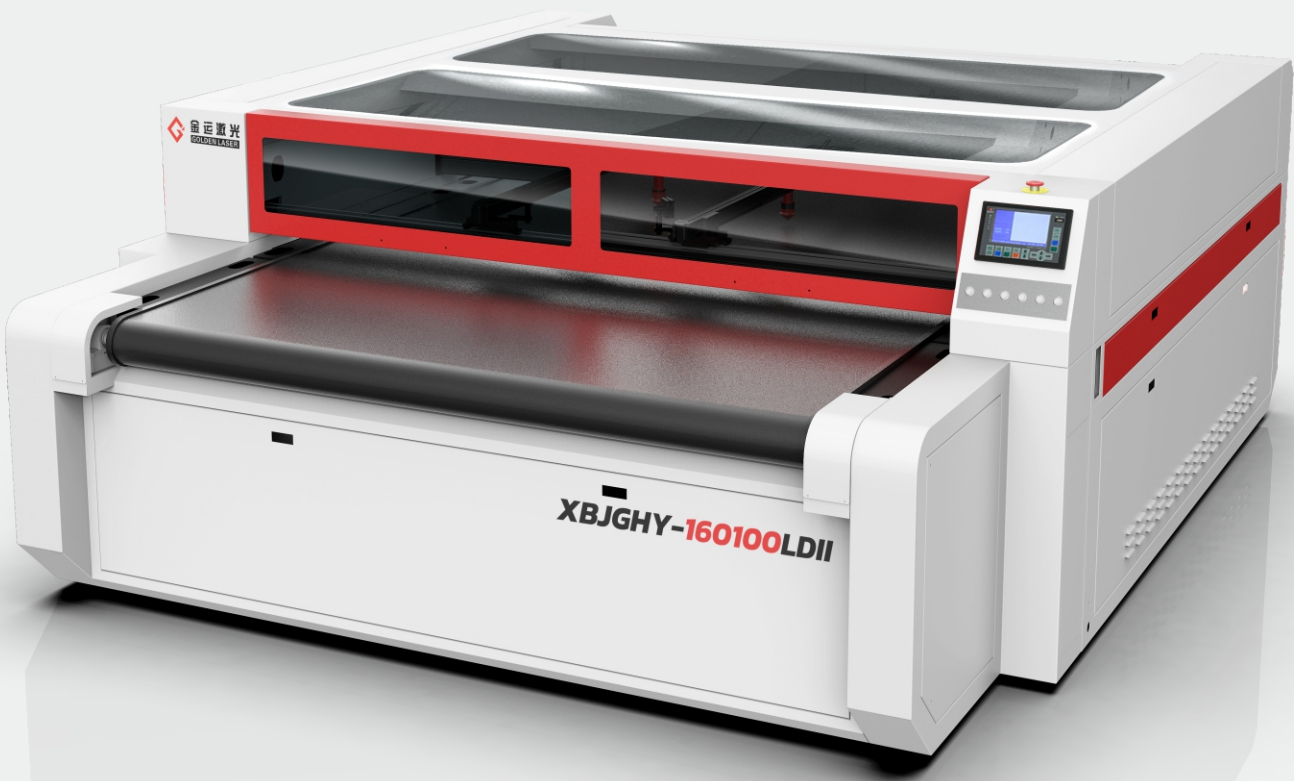
Repeatability	Speed	Acceleration	Laser power
±0.1mm	0-800mm/s	6000mm/s²	80/110/130/150W

Working area: 1600mm×1000mm (customizable)

X axis(mm) 1600/1800

Y axis(mm) 1000/1200/1300/1500

Options:
Projector & nesting, vision system, auto feeder

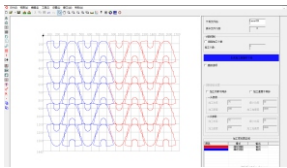


*Products of different specifications can be selected as needed, and all technical parameters are subject to the technical solutions provided.

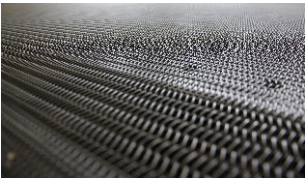
Structure



Dual laser heads



Intelligent distribution of the dual heads



Mesh conveyor working table

Features



Independent dual heads cutting, high efficiency



Modular design, with strong scalability



Mixture nesting and cutting, high material utilization



High speed high precision mechanical structure design

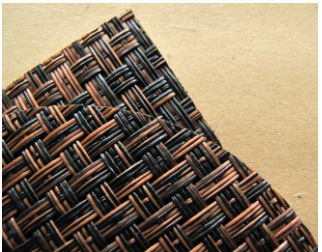
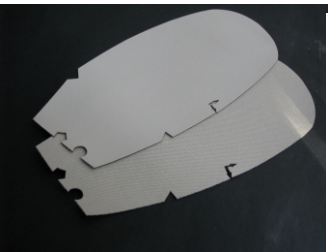
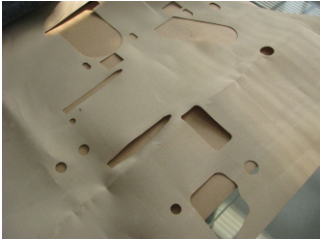
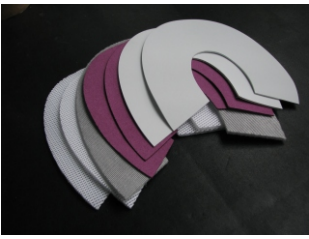


Continuous cutting with automatic feeder



Servo motors control, high speed, high precision, low failure rate

Samples



High Precision Laser Cutting Machine



*Products of different specifications can be selected as needed, and all technical parameters are subject to the technical solutions provided.

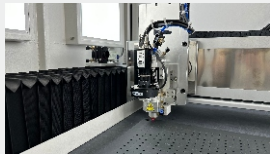
Main parameters

Repeatability	Speed	Acceleration	Laser power
±0.01	0-500mm/s	0-3500/s²	80/110/130/150W

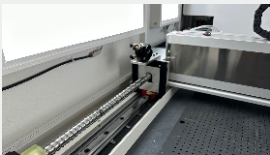
Laser type:
CO2 laser, fiber laser, ultrafast laser

Working area(mm):
1300*900/1400*800 customizable

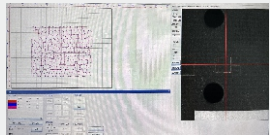
Options:
Smart nesting, Galvo cutting



Cutting head



Marble working table + screw linear motor



Smarting nesting, saving materials

Features



Precision ball screw and linear motor drive



High precision marble working table



Compatible with CO2 laser, fiber laser, ultrafast laser



Goldenlaser closed-loop multi-axis motion control system can adjust the rotation angle of the servo motor in real-time based on the feedback data of the magnetic grating ruler



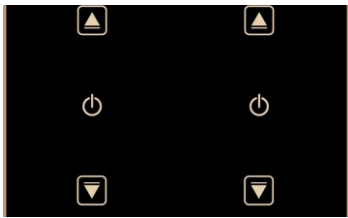
Dedicated intelligent vision algorithm
High cutting accuracy



Various working modes such as Galvo cutting on-the-fly and X-Y gantry cutting are available

Application Industry

PET protective film, 3M adhesives, membrane touch screen displays, electronic paper, polarizer, PCB, composite materials and other high-precision cutting industries.



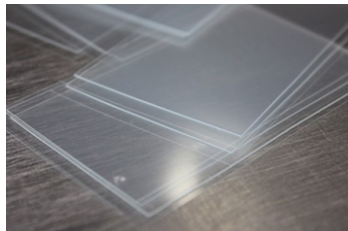
Membrane keypad



Electronic film



Conductive film



OCA optical film

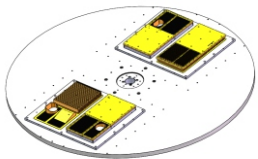


Polarizer

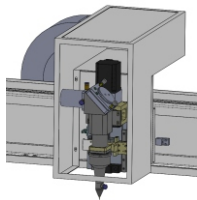


Tempered protective film

Multi-station Intelligent Laser Cutting Machine



Rotary cutting platform



Laser cutting module

Main parameters

Cutting accuracy	Speed	Laser power	Working area
±0.1mm	0-1200mm/S	60/100/150/300/600W	500*500mm

Features

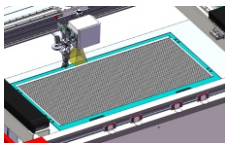
Intelligent processing system, capable of automatically locating and cutting based on material characteristics

Using a high-precision positioning platform to ensure cutting accuracy

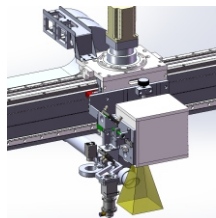
Multi-station structure, saving loading and unloading time, improving production efficiency

Reliable safety protection system to ensure safe operation

Multifunctional Laser Cutting Machine



Integrated cutting platform



Galvo and X-Y gantry combo laser head

Main parameters

Cutting accuracy	Speed	Laser power	Working area
±0.1mm	0-800mm/S	60/100/150/300W	1200*600mm

Features

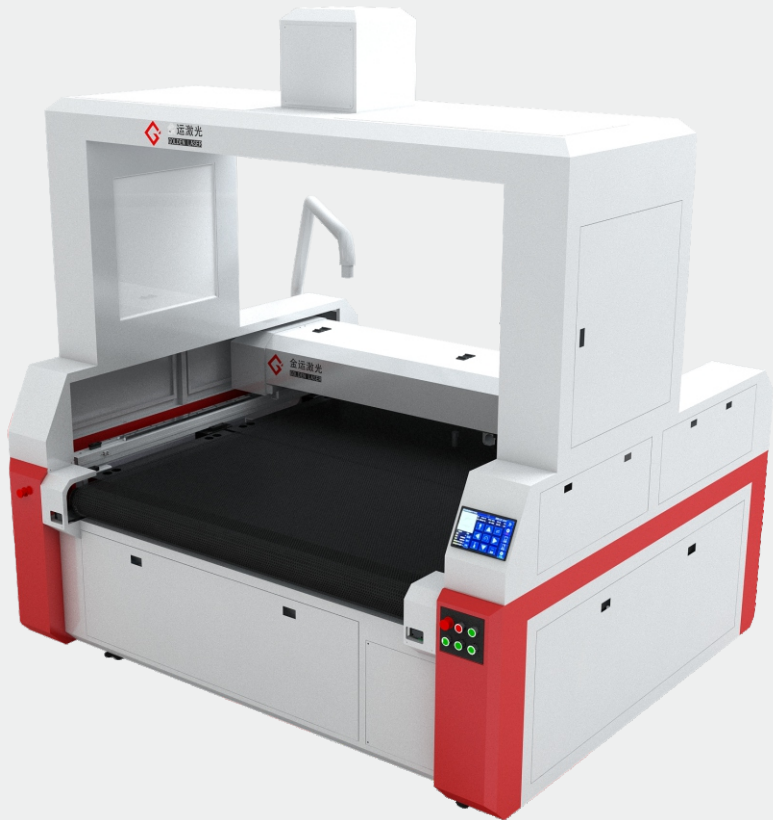
Freely switch between laser perforation, laser marking and laser cutting

Automatic focusing and timely processing based on material thickness

Automatic correction camera and galvanometer with one click

Seamless fly marking on the entire area

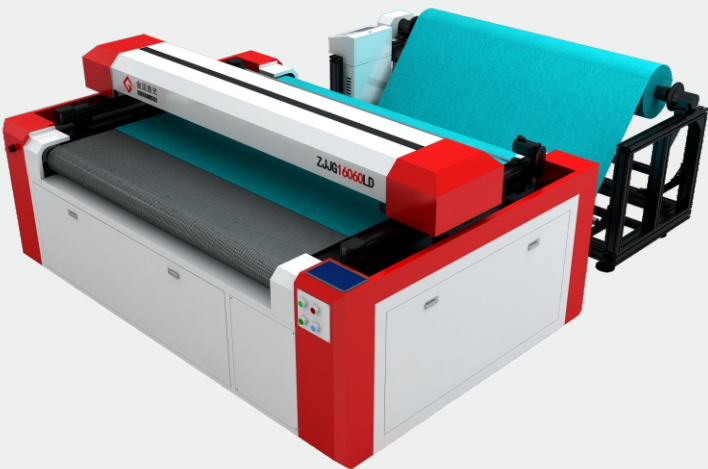
Flying Galvo Laser Cutting Machine



Repeatability	Speed	Acceleration	Laser power
±0.1mm	0-800mm/s	6000mm/s²	80/110/130/150W

Working area(mm):
1600*600/1600*1000 customizable

Options:
Projector & nesting, vision system, auto feeder



*Products of different specifications can be selected as needed, and all technical parameters are subject to the technical solutions provided.

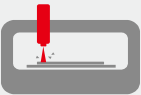
Features



Full fly cutting of the entire area, seamless splicing in large format



Equipped with an intelligent vision system for automatic alignment perforation, marking and cutting



No pauses, high efficiency



Intelligent system for automatic correction, high accuracy, and simple operation



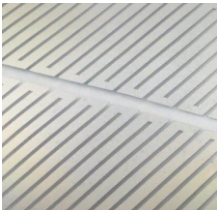
Automatic conversion between galvanometer perforation and cutting
Freely setup of processing methods



Distributed extraction system
Effective absorption of fumes and dusts

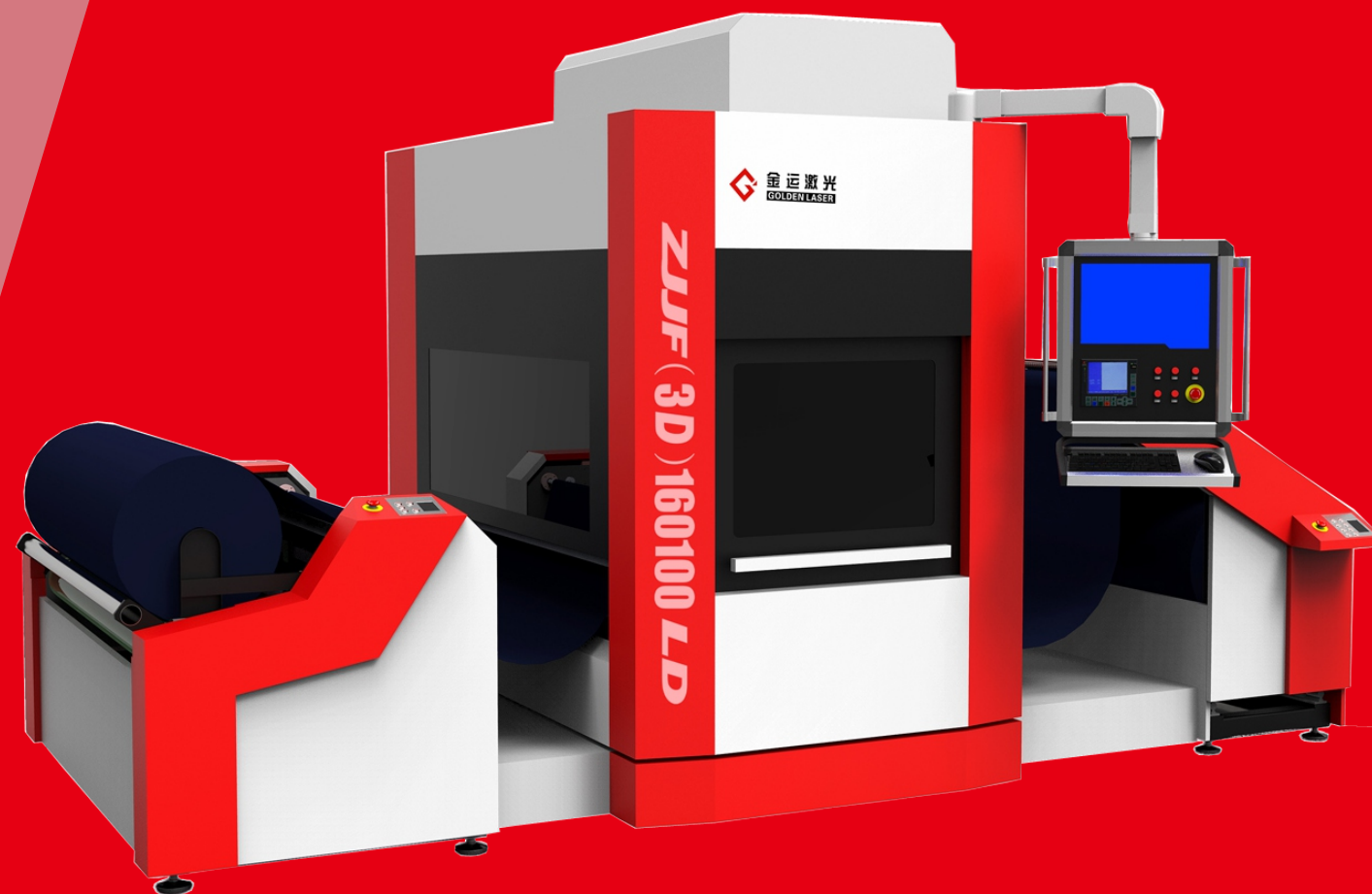
Application Industries

Reflective stickers, heat transfer films, greeting cards, printed cardboard, printed labels, leather shoes & bags, garment fabric, etc.

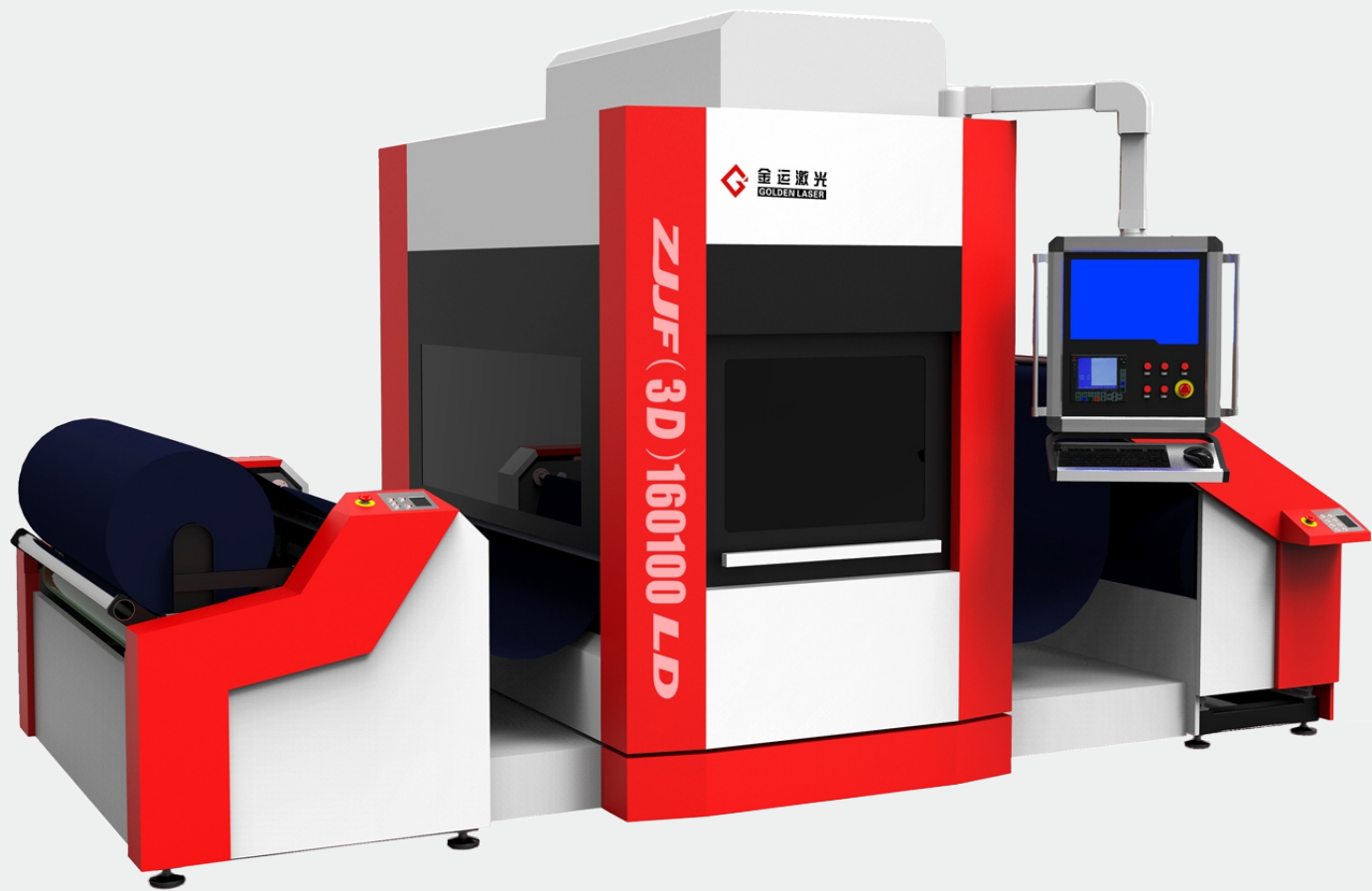


GOLDENLASER-LACLO DIVISION
No. 1 Leading Brand In Creative Laser Engraving

▲ Laser Engraving Series



Laser Engraving Machine



*Products of different specifications can be selected as needed, and all technical parameters are subject to the technical solutions provided.

Features



Three-dimensional dynamic galvanometer control system, high-speed digital galvanometer technology



Fully enclosed design and visual door switch make operation safer



Rewinding, feeding and laser engraving are carried out simultaneously to ensure continuity of graphics



There is no need to make a printing roller to complete creative engravings



With high degree of automation, the model can be matched with high-precision visual positioning system



Many types of lasers and various working platforms are provided as optional configurations to meet different processing requirements

Parameters

Laser Source	Laser Power	Motion System	Working Area (mm)
CO2 RF Metal Tube	500W	Offline Motion Control System	1600*1000
Standard Configuration			
Roll-to-roll rewinding and feeding, integrated operating platform, fixed upper exhaust system, auxiliary ladder			

Applicable Materials

The applicable materials are not limited to suede, denim, etc.; the applicable industries are not limited to fast fashion, personalized customization, clothing fabrics, home textiles, carpets, etc.



Multi-Galvanometer Laser Processing Machine



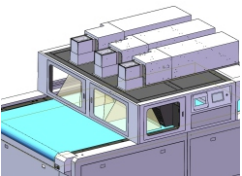
Accuracy	Cutting Speed	Acceleration	Laser Power
±0.1mm	0-1200mm/s	8000mm/s²	150/300/600W

Cutting Area (mm) :
1500*500/1600*1000 (Customizable)

Optional Configuration :
Vision System, Auto Feeder

*Products of different specifications can be selected as needed. All technical parameters are subject to the technical solutions provided.

Equipment Structure



Multi-galvanometer Cutting

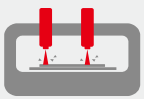


Mesh Belt Cutting Table

Features



The entire operation is automated without manual intervention



The model can realize multi-head galvanometer flying processing at the same time



Reinforced welding bed effectively ensures high dynamic rigidity of the machine tool system



Cutting patterns and small and complex graphics can be quickly changed through drawing software

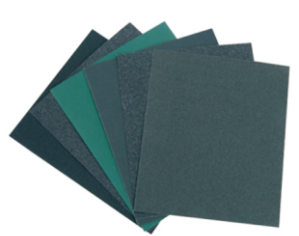
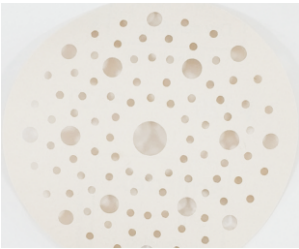


Optional auxiliary device can realize automatic feeding and automatic rewinding

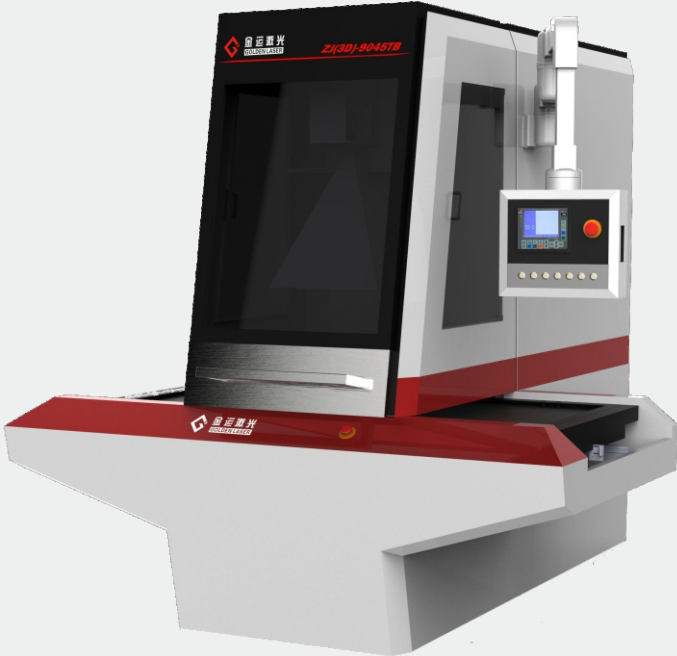


Imported lasers and optical devices have good spot quality, stable output power, and low maintenance costs.

Application



Laser Marking Machine



Accuracy	Processing Form	Laser Power
±0.1mm	Single / Continuous	150/300/500W

Processing Area:
900*450mm Customizable Format

Laser Type:
CO2 laser, picosecond laser, ultraviolet laser, etc.

*Products of different specifications can be selected as needed. All technical parameters are subject to the technical solutions provided.

Features



Three-dimensional dynamic galvanometer control system, high-speed digital galvanometer technology



Fully enclosed design and visual door switch make operation safer



Optional automatic distance measurement system, with which the model is able to automatically adjust focus according to material thickness for precise processing



Equipped with a new updated and better optical system, the laser power output is more stable

Applicable Materials

Shoemaking, bags, leather goods, leather logos, leather handicrafts, etc.



Denim Laser Engraving Machine



Laser Source	Laser Power	Motion System
CO2 RF Metal Tube	150/300/500W	Offline Motion Control System

Working Area (mm) :
1250*1250/900*900

*Products of different specifications can be selected as needed. All technical parameters are subject to the technical solutions provided.

Features



Fully enclosed structure complies with laser equipment safety standards



Easy maintenance and low cost of use



Three-axis dynamic large-format galvanometer marking technology



Adopted with circular feeding processing method, the model has high productivity

Processing Samples





▲ Speciality Machine Series



Laser Cutting Machine for Sandpaper



*Products of different specifications can be selected as needed. All technical parameters are subject to the technical solutions provided.

Features



Galvanometer array 3D dynamic control system



Laser processing in one step, maximizing material utilization



Automated supporting functions
Automatic collection of finished products, waste removal and rewinding



Finished sanding discs have smooth edges and rounded shapes, and various sizes and small holes can be processed at one time



Batch and automated production of the entire process, saving time and labor



Easy maintenance, low cost of use

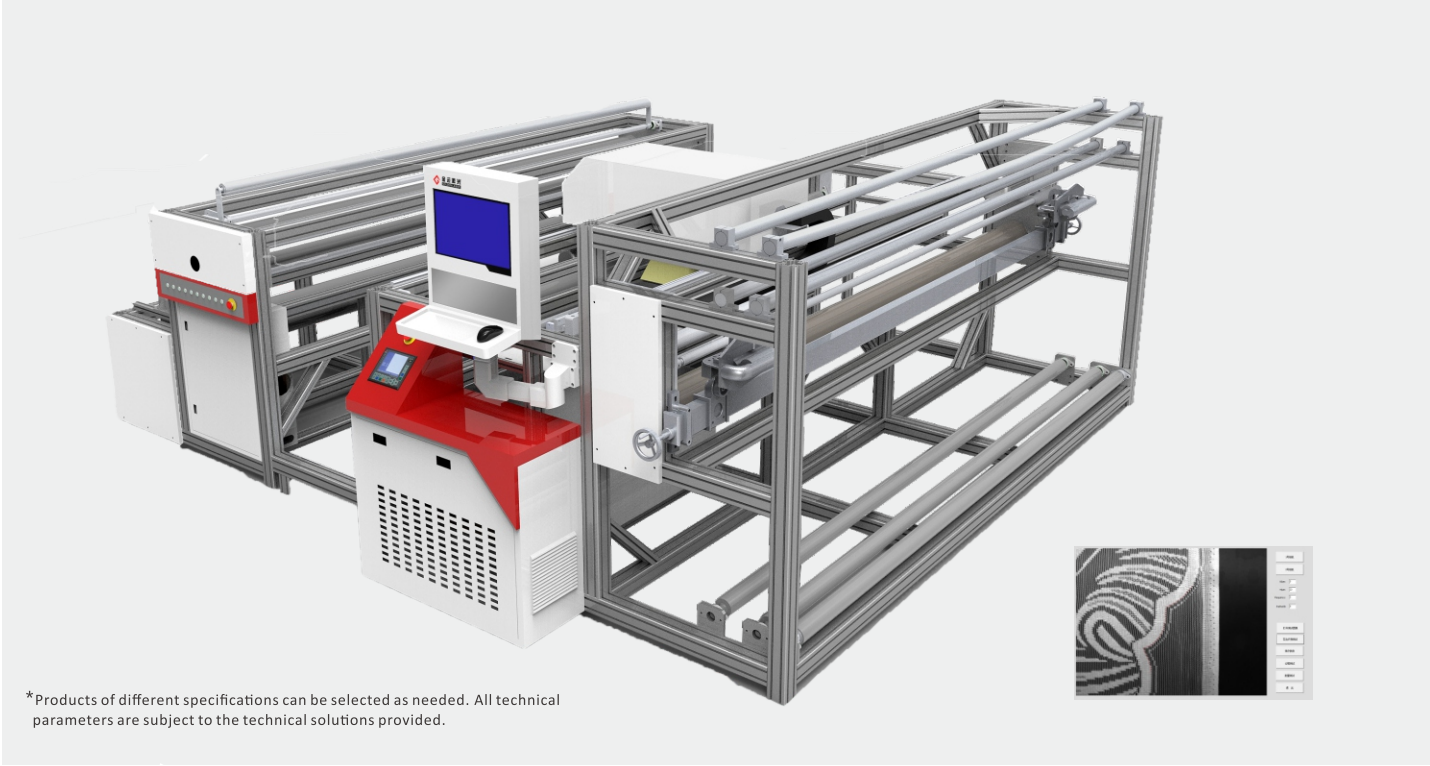
Technical Parameters

Cutting accuracy	speed	
±0.1mm	Varies depending on material thickness	
Laser type	Laser power	Roll width (mm)
CO2 RF metal laser tube	150/300/600W	800 (customizable)

Samples



Laser Cutting Machine for Warp Knitted Lace



Features

Special vision recognition algorithm for warp knitted lace

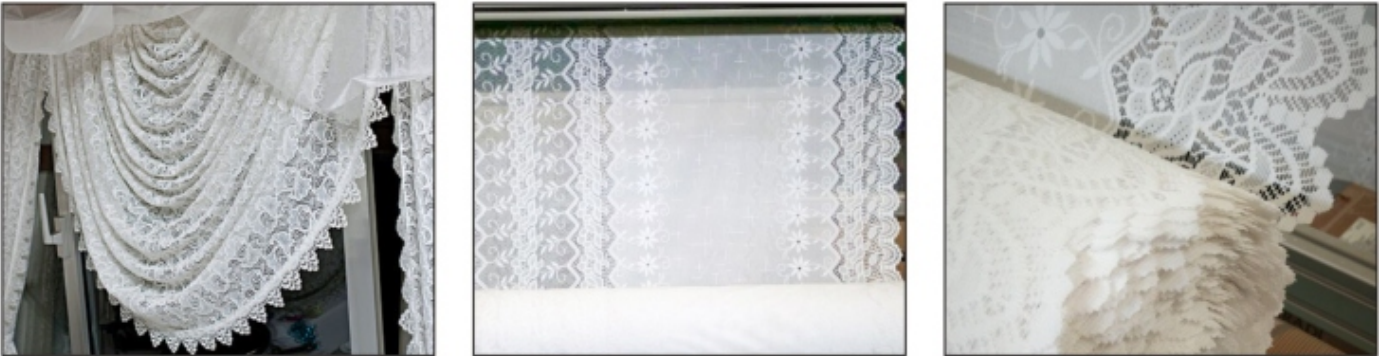
Perfect cutting edges

High cutting efficiency and consistency

Flexible and easy to operate

Application Industries

Mainly used for curtains, window screens, tablecloths, sofa cushions and other household decorations.



Automatic Inkjet Marking Machine



Features

Motion servo module
High speed, high precision,
low failure rate

Equipped with intelligent
drying system;
High degree of integration

Automated assembly line
operation,Smart and efficient

Can be equipped with a
variety of nozzles;
Suitable for various types
of ink

Samples



Typical Machines Summary

Most of our company's models have passed European CE certification and US FDA certification. The following product dimensions, colors, and parameters are continuously optimized with the company's technological progress

