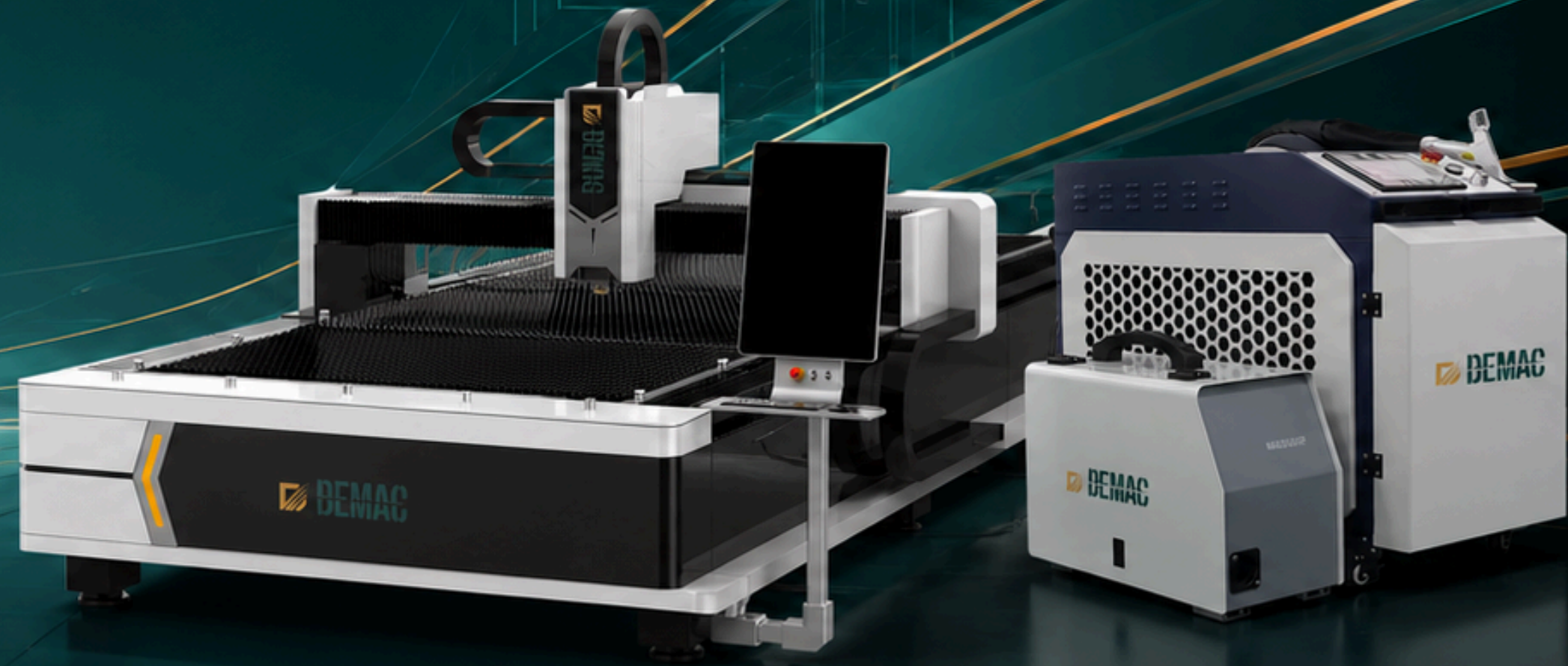




Jinan Demac Laser Equipment Co., Ltd.

济南市德屹迈激光设备有限公司



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- Tel: +86-13563897999
- Website: www.demaclaser.com
- Commercial Office: Yanzhuang Street Education, Gangcheng District, Jinan City, Shandong Province. Unit 101, Block 2, 54 Choi Tai Street

2026

GLOBAL TECHNICAL SUPPORT SYSTEMS

We know that every minute a factory machine stops means a massive loss. DEMAC has established an agile, cross-border technical service dispatch chain ensuring your equipment maintains peak efficiency.

50+

Countries Reached

500+

Systems Installed

100%

Factory Inspected

2h

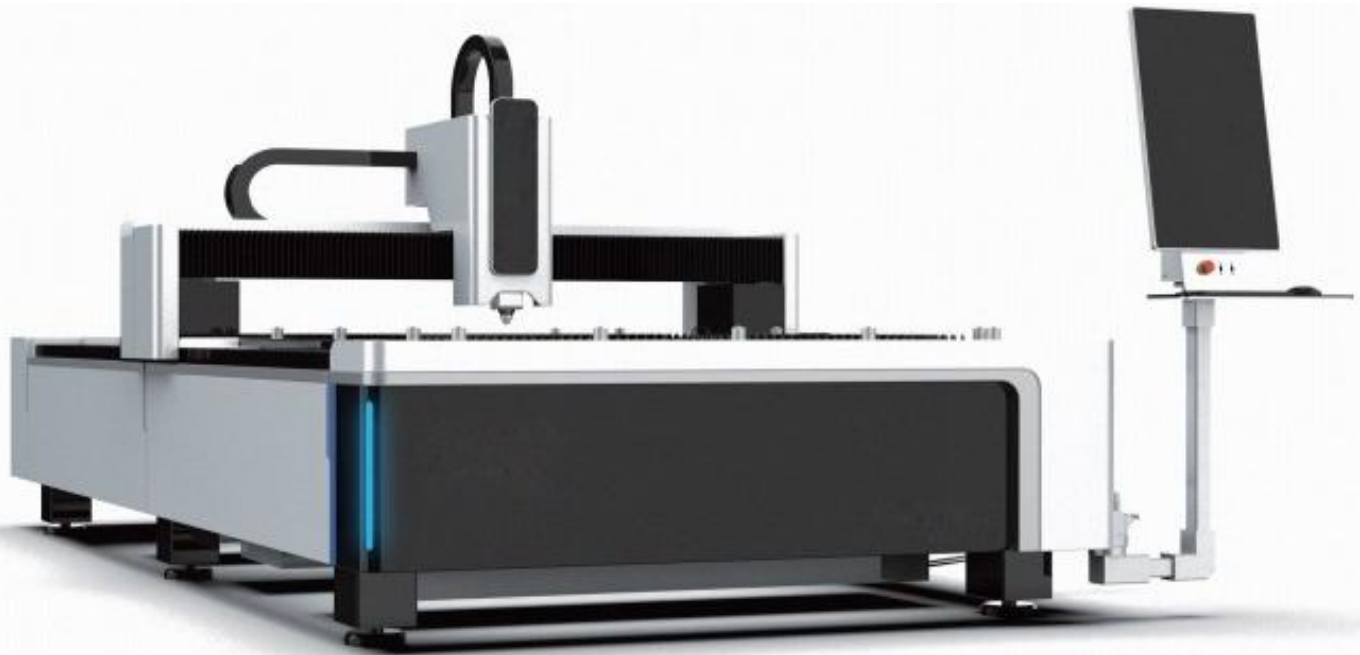
Response SLA

24^h

24/7 Rapid Remote Diagnosis



Single platform laser cutting machine 单平台激光切割机



型号/model	DM-3015	DM-4020	DM-6025
加工幅面(可定制) Machining format (customizable)	3000mm*1530mm	4050mm*2050mm	6100mm*2550mm
激光器功率/ Laser power	1500w/2000w/3000w/6000w	500w/2000w/3000w/6000w	1500w/2000w/3000w/6000w
定制精度/ Customization accuracy	±0.05mm/m	±0.05mm/m	±0.05mm/m
重复定位精度/ Repeatable positioning accuracy	±0.03mm	±0.03mm	±0.03mm
最大联动速度/ Maximum linkage speed	169m/min	169m/min	169m/min
最大加速度/ Max acceleration	1.5G	1.5G	1.5G
台面承重/ Countertop load-bearing	1020KG	1600KG	4700KG
电源额定电压及频率/ Power supply	380W 50HZ/60HZ	380W 50HZ/60HZ	380W 50HZ/60HZ

Single-platform Advantages 单平台性能优势

- Simple and robust structure, stable performance
结构简单牢固，功能稳定
- Integrated electric control system
集成式电控系统
- Easy-to-learn operation, convenient maintenance
简单易学，服务方便
- Easy loading & unloading, fast operation
上下料切割一目了然，操作快捷
- Full-automatic self-lubricating system
全自动自润滑系统



Large format integrated cutting machine

大幅面一体式切割机



Core Advantages

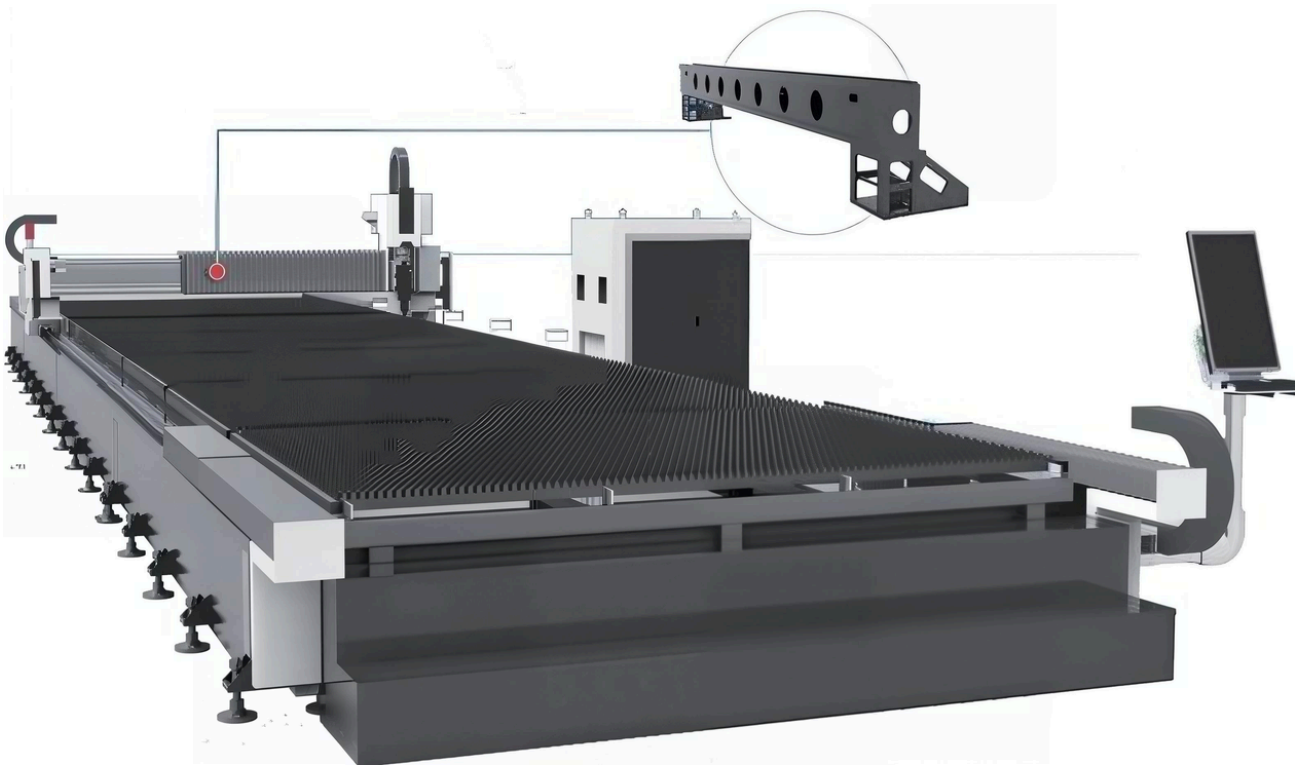
- Stable & Efficient for Medium-thick Plate Cutting
赋能中厚板稳定高效
- Large Processing Range, Higher Productivity
加工范围大效率高

型号/model	GH-8025	GH-10025	GH-12025	GH-14025
加工幅面(可定制) Machining format (customizable)	8100mm*12600mm	10100mm*2600mm	12200mm*2600mm	14200mm*3200mm
激光器功率/ Laser power	3000w/6000W/12000w	6000W/12000w/20000 w	6000W/12000w/20000 w	6000w/1200w/2000w/3 000w
定制精度/ Customization accuracy	±0.05mm/m	±0.05mm/m	±0.05mm/m	±0.05mm/m
重复定位精度/ Repeatable positioning accuracy	±0.03mm	±0.03mm	±0.03mm	±0.03mm
最大联动速度/ Maximum linkage speed	120m/min	120m/min	120m/min	120m/min
最大加速度/ Max acceleration	1.2G	1.2G	1.2G	1.2G
台面承重/ Countertop load-bearing	380W 50HZ/60HZ	380W 50HZ/60HZ	380W 50HZ/60HZ	380W 50HZ/60HZ



Large format separation cutting machine

大幅面分离式切割机



Core Advantages

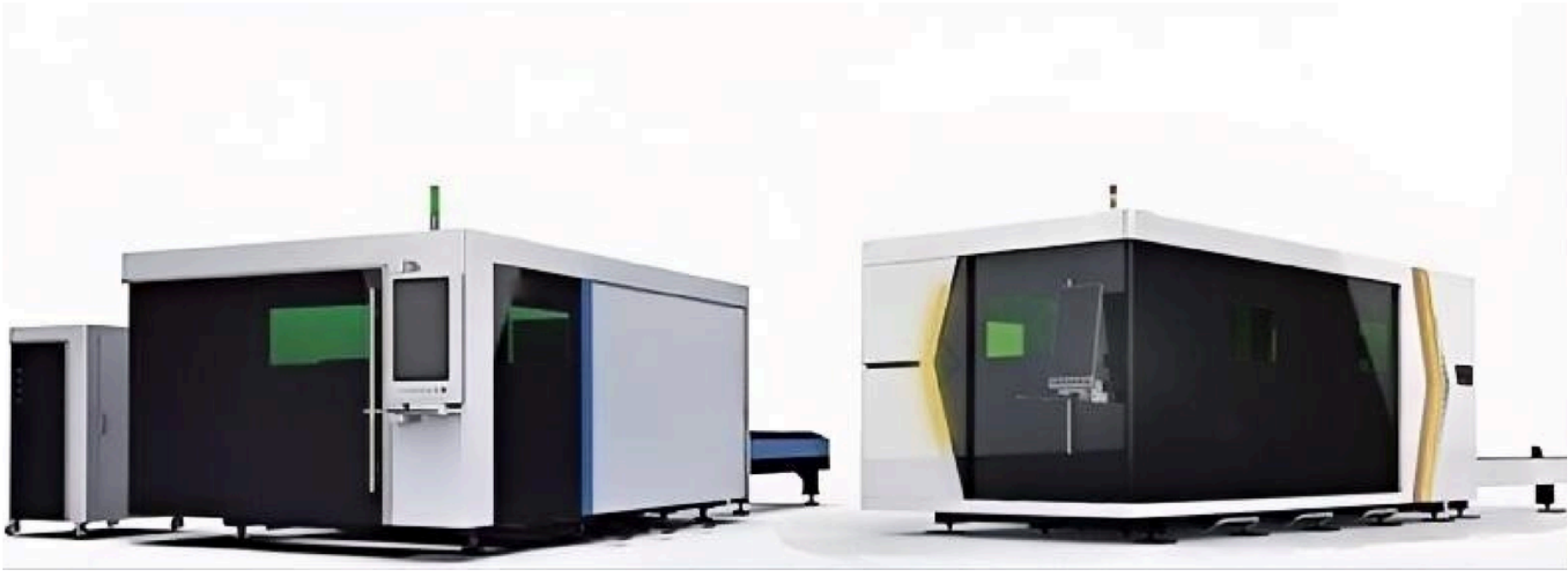
- **Flexible Custom-Designed Solution**
大有所为，随心定制
- **Integral worktable hoisting for rapid replacement**
台面可整体吊出，快速更换工作台
- **Hollow / Semi-hollow machine bed**
中空/半中空床身结构
- **Maintain structural rigidity, reduce thermal deformation for long-term stable performance**
保障整机刚性，降低受热形变，长期运行更稳定

型号/model	GH-6025	GH-8025	GH-10025	GH-12025	GH-14035
加工幅面(可定制) Machining format (customizable)	6100mm*2600mm	8100mm*2600mm	0100mm*2600mm	2200mm2600mm	14200mm*3200m m
激光器功率/ Laser power	3000W/6000W/120 00w	6000w/12000w/20 000w	6000w/12000w/20 000w	600w/1200w2000w	6000wW/1200w/20 000w/3000w
定制精度/ Customization accuracy	±0.05mm/m	±0.05mm/m	±0.05mm/m	±0.05mm/m	±0.05mm/m
重复定位精度/ Repeatable positioning accuracy	±0.03mm	±0.03mm	±0.03mm	±0.03mm	±0.03mm
最大联动速度/ Maximum linkage speed	100m/min	100m/min	100m/min	100m/min	100m/min
最大加速度/ Max acceleration	0.8G	0.8G	0.8G	0.8G	0.8G
台面承重/ Countertop load-bearing	380W 50HZ/60HZ	380W 50HZ/60HZ	380W 50HZ/60HZ	380W 50HZ/60HZ	380W 50HZ/60HZ



Large encirclement switching platform

大包围交换平台



Core Advantages

- **Fully-enclosed housing for higher safety. Camera detection triggers emergency stop upon personnel access.**
包围结构更加安全，摄像头自动检测，有人进入机器，机器停止工作
- **Enclosed design matched with dust collector for eco-friendly production.**
包围结构搭配除尘设备，让生产更加环保
- **Dual-platform quick-exchange system, cost-saving & high-efficiency.**
双平台快速交换系统，节约成本，提高效率
- **Double productivity within the same cycle, cutting and loading-unloading run simultaneously.**
同样的时间，双倍的效率，切割、上下料两不误

型号/model	GH-30158	GH-40208	GH-60258
加工幅面(可定制) Machining format (customizable)	3050mm*1520mm	4050mm*2050mm	6100mm*2550mm
激光器功率/Laser power	1000W/1500W/2000W/3000w/6000w		
定制精度/ Customization accuracy	±0.05mm/m		
重复定位精度/ Repeatable positioning accuracy	±0.03mm		
最大联动速度/ Maximum linkage speed	169m/min		
最大加速度/ Max acceleration	1.5G		
电源额定电压及频率/ Power supply rated voltage and frequency	380W 50HZ/60HZ		

- **Application: Cabinet, construction machinery, sheet metal processing, automobile, elevator, kitchenware & cabinet industry.**
机箱机柜、工程机械、钣金加工、汽车制造、电梯制造、厨具橱柜等等



Laser cutting machine

激光切割机



2030 Type A



2030 Type B



4545 Cutting machine



6060 Fully-Enclosed



6060 Gantry model



1010 Cutting machine



Flame laser composite cutting

火焰激光复合切



型号/model	GH-6020	GH-8020
加工幅面(可定制) Machining format (customizable)	6050mm*2050mm	8050mm*2050mm
激光器功率/Laser power	6000W/12000W/20000W	
定制精度/Customization accuracy	±0.05mm/m	
重复定位精度/ Repeatable positioning accuracy	±0.03mm	

Core Advantages

- Dual- mode design, full coverage of thin & thick plates to reduce equipment investment 一机双模式，厚薄板材全覆盖，降低设备投入
- Faster piercing on thick plates than traditional flame cutting, greatly boosting productivity 厚板穿孔效率碾压传统火焰，生产提速显著.
- Superior cutting edge quality, minimizing subsequent grinding processes 切口质量远优于普通火焰，减少后道打磨工序.
- Lower processing cost, an ideal alternative to high-power lasers 加工成本更低，大功率激光平替方案.
- Power consumption:60KW/h, cutting capacity comparable to 80KW unit, max. cutting thickness:200mm
能耗60KW/h，切割厚度媲美80KW设备，最大切割厚度200MM.



Laser welding 4-in-1



激光焊接四合一

基本参数	
机器型号/ Model	LW2000T
设备名称/ Device Name	激光焊接四合一/Laser welding 4-in-1
供电规格/ Power Supply	220V/单相/50HZ
外形尺寸(长×宽×高)/ Overall Dimensions (LxWxH)	880mm×1400mm ×1800mm
设备净重/ Net weight	276kg
包装方式/ Packaging method	出口木质包装箱
运行参数	
激光器功率/ Laser Power	创鑫2000W
激光波长/ Laser wavelength	1064nm
最大单脉冲能量/ Maximum single pulse energy	200mJ
脉冲频率/ Pulse frequency	20~200kHz
光束质量(M²)/ Beam mass (M²)	<1.2
可焊材料/ Weldable material	Stainless steel, carbon steel, aluminum alloy, copper alloy, etc 不锈钢、碳钢、铝合金、铜合金等
焊接厚度/ Welding thickness	0.2~3.0mm
焊缝宽度/ Weld width	0.5~2.0mm
重复定位精度/ Repeatable positioning accuracy	±0.02mm
旋转轴调节范围/ Rotation axis adjustment range	横向/竖向125mm+ 可调节旋转D80



3-in-1 pull-rod MOPA pulsed fiber

3合一拉杆式MOPA脉冲光纤



产品型号/Product model		Pro320	Pro320M
激光器 Laser source	激光器类型/ Laser type	MOPA脉冲光纤激光器 3-in-1	
	平均功率/ Average power	≥320W	≥320W
	激光波长/ Laser wavelength	1064nm±10nm	
	脉冲能量/ Pulse energy	≥2mJ	≥15mJ
	峰值功率/ Peak power	≥8kW	≥100kW
	光束质量M ² / Beam mass M ²	≤1.8	/
	输出芯经/ Output core via	30μm	100μm
	频率范围/ Frequency range	1kHz-4MHz	
	脉冲宽度/ Pulse width	5ns-500ns	
输出 头 Output head	场镜焦距/ Field lens focal length	标配F=254mm与F=160mm(可增加F=330mm)	
	打标/深雕幅面/ Marking/Deep Carving Format	≤120mm×120mmF=254mm	/
	清洗幅面/ Cleaning web	≤120mm×120mmF=254mm	
	输出光斑图形/ Output spot pattern	Cross, rectangle, spiral, circle, ring, 0° straight, 45° straight, 90° straight, 135° straight, straight rotation	
	打标/深雕线性度 Marking/deep engraving linearity	99.90%	/
	打标/深雕重复定位精度/ Repeated positioning accuracy for marking/deep carving	8μRad	/
	Marking/deep carving (8h) 打标/深雕长时间漂移	≤0.5mRad	/
	输出铠缆/ Output armor	≥5m高强度软管	
	尺寸/ Size	Length × Height: 255 × 101 mm, Head diameter: Φ86 mm	
	打标/深雕支架重量 Marking/Deep Carving Bracket Weight	130g	/

MOPA pulsed

fiber laser 3 in 1

MOPA脉冲光纤激光三合一



指标项		参数值
激光器 Laser source	激光器类型/ Laser type	MOPA脉冲光纤激光器/MOPA pulsed fiber laser
	平均功率/ Average power	≥120W
	激光波长/ Laser wavelength	1064nm±10nm
	脉冲能量/ Pulse energy	≥2mJ
	峰值功率/ Peak power	≥8kW
	光束质量M²/ Beam mass M²	≤1.6
	频率范围/ Frequency range	1kHz-4MHz
	脉冲宽度/ Pulse width	5ns-500ns
输出头 Output head	场镜焦距/ Field lens focal length	F =254mm,F =160mm as standard (F =360mm can be added)
	打标/深雕/清洗幅面 Marking/Deep Carving/Cleaning Format	≤80mm×80mm@F=160mm
	清洗输出图形模式/ Clean output graphics mode	Cross, rectangle, spiral, circle, ring, 0° straight, 45° straight, 90° straight, 135° straight, straight rotation
	Marking/deep engraving linearity	0.999
	Repeated positioning accuracy /deep carving	8μRad
	Marking/deep carving long drift (8h)	≤0.5mRad
	输出铠缆长度/ Output armor length	≥1.5m
	通讯控制/ Communication control	Communication and Control: The output head can be adjusted in real time via the control panel buttons and LCD display, or wirelessly controlled using a handheld tablet.
	操作辅助/ Operation assistance	双红光对焦，LED照明/Dual red focusing, LED lighting
	清洗出光控制/ Cleaning light	双按钮互锁/Dual button interlock
	尺寸/ Dimensions	Dimensions (L × H): 255 × 101 mm Head Diameter: Ø86 mm
	重量/ Weight	600g(不含打标支架)/600g (excluding marking bracket)
	Marking / Deep Engraving Stand Weight	130g



Fiber laser marking machine 光纤激光打标机



» Desktop split portable laser marking machine



» Cabinet type fiber laser marking machine



» Handheld laser marking machine



» Desktop Small Seal Laser Marking Machine(Electric)



» Large sealed laser marking machine (electric lift)



» Cabinet type fiber laser marking machine



» Portable all-in-one desktop marking machine



Ultraviolet laser marking machine

紫外激光打标机



» Desktop UV Laser Marking Machine

» Cabinet type UV Laser Marking Machine

» 3D UV crystal inner engraving machine

» Fully Enclosed UV Laser Marking Machine

» UV Intelligent Marking Machine

- Core Advantage: Cold laser processing, minimal thermal deformation, ultra-fine & permanent marking without burnt edges.
- Application: Glass, plastic, ceramic, PCB, precision electronics, optical components and fine marking.



Carbon dioxide laser marking machine

二氧化碳激光打标机



» Cabinet type CO₂ laser marking machine



» Carbon dioxide glass tube marking machine



» Desktop all-in-one portable CO₂ marking machine



» Desktop Split Portable CO₂ Marking Machine

- Core Advantage: Clear & permanent marking, even laser spot, low-cost operation, maintenance-free, no consumables.
- Application: Leather, wood, paper, plastic, rubber, ceramic, fabric and other non-metallic materials.

About us



济南市德屹迈激光设备有限公司（DEMAC）

总部位于中国济南，成立于2013年。作为一家深耕激光行业13年的高新技术企业，德迈集自主研发、标准化生产与全球销售于一体，始终致力于为全球客户提供专业的工业智能激光解决方案。

成立至今，我们秉持“技术驱动、品质为本”的核心理念，持续优化产品与服务，为客户量身打造最匹配的解决方案。我们的核心产品线涵盖：CO₂激光雕刻机、CO₂激光切割机、光纤激光打标机、CO₂激光打标机、UV紫外激光打标机、激光焊接机、激光清洗机、数控雕刻机以及光纤激光切割机等一系列产品。同时，我们提供灵活的定制化设备服务，以全面满足客户的个性化需求。

德迈全系产品均已通过ISO9001质量管理体系认证，以及CE、FDA等国际权威认证。凭借稳定可靠的产品品质、极具竞争力的价格与高效响应的售后服务，我们在海内外市场积累了卓越的口碑与声誉。诚挚欢迎全球各地的合作伙伴莅临参观、咨询考察、共治合作！

About Demac:

Headquartered in Jinan, China, DEMAC Laser Intelligence Co., Ltd. was founded in 2013. With 13 years of deep expertise in the intelligent laser equipment industry, we are a professional high-tech enterprise integrating independent R&D, standardized manufacturing, and global sales. We are dedicated to providing professional industrial intelligent laser solutions to customers worldwide.

Since our inception, we have consistently adhered to our core philosophy of being "technology-driven and quality-oriented." We continuously optimize our products and services to deliver the most suitable solutions for our clients. Our comprehensive product lines include CO₂ laser engraving machines, CO₂ laser cutting machines, fiber laser marking machines, CO₂ laser marking machines, UV laser marking machines, laser welding machines, laser cleaning machines, CNC engraving machines, and fiber laser cutting machines. Furthermore, we offer flexible, customized manufacturing to meet specific client requirements.

All DEMAC products are certified by the ISO9001 quality management system, as well as CE and FDA international standards. Thanks to our reliable product quality, highly competitive pricing, and efficient, responsive after-sales service, we have earned an outstanding reputation in both domestic and overseas markets. We sincerely welcome partners from around the world to visit, inquire, and explore cooperative opportunities with us!



Why Choose Demac ?

End-to-End Laser Solutions

Full-stack support from inquiry to installation — no supply chain hassle.

Tailored Equipment Range

Fiber cutting, CO₂ engraving, handheld welding & cleaning — configured to your needs.

Precision Built, On-Time Delivered

Top-tier components, strict QC, and guaranteed punctual global shipping.

Global Logistics & Service

Experienced in international freight, customs clearance, and worldwide support.

Expert Engineering Team

Professional guidance on laser power, optics, and testing at every step.

What We Can Do For You?

Right Machine, Right Solution

We match laser source, power & format to your application for best performance.

Lower Costs, Higher ROI

Energy-efficient, high-speed systems with low maintenance and consumables.

Fast Setup & Training

Factory testing, installation, and full operator training for safe, on-schedule launch.

24/7 Technical Support

Round-the-clock assistance to minimize downtime.

Core Component Warranty

Solid warranty on laser sources and control systems to protect your investment.



**DEMAC
LASER EQUIPMENT**

2026

THE FUTURE OF LASER INTELLIGENCE

CHALLENGES, INNOVATION AND SUSTAINABILITY

