Gweike Laser M Series

THE WORLD'S FIRST

6-in-1

Fiber laser cutting/welding/cleaning/handheld cutting/
CO2 cutting/CO2 engraving all-in-one machine

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M800/M1200

Machine Model	M800/M1200
Laser Type	Fiber Laser
Laser Power	800W/1200W
Processing Thickness	0.2-4mm(0.0078"-0.157") /0.2-5mm(0.0078"-0.197")
Wavelengths	1,080±10nm
Cooling Method	Air Cooling
Auxiliary Gas	Nitrogen/ Argon/ Air
Machine Dimensions	620x355x610mm (24.4"*14.0"* 24.0")
Cable Length	8m(26.25ft)
Functions	Welding/Cutting/Rust Removal & Cleaning
Welding Mode	Continuous/Spot/Pulse Welding
Laser Safety Class	Class 4
Operating Temperature	14°F~104°F (-10 ℃~40°C)
Machine Weight	49.2kg/108.5 lbs
Wire Feeder Weight	10.8kg/23.8 lbs

M2/M2 PRO

Machine Model	M2/M2 PRO
Laser Type	Fiber Laser
Laser Power	800W/1200W
Cutting Thickness	Up to 8mm(0.31") with 800W Fiber/ Up to 10mm (0.39") with 1,200W Fiber
Working Area	620×620mm(24.4"×24.4")
Max. Working Speed	600mm/s
Maximum Acceleration	0.6G
Power Input	100–240V AC, 50/60 Hz
Wavelength	1,080±10nm
Cooling Method	Air Cooing
Machine Dimensions	620×355×610mm(24.4"×14.0"×24.0")+ 1,250×980×950mm(49.2"×38.5"×37.4")
Functions	Welding/Cutting/Rust Removal & Cleaning/CNC Metal Cutting
Welding Thickness	0.2-4 mm(0.0078"-0.157")/0.2-5 mm(0.0078"-0.197")
Repeat Positioning Accuracy (X/Y)	±0.02mm
X-Axis Travel	760mm
Y-Axis Travel	620mm
Z-Axis Travel	50mm
Laser Safety Class	Class 4
Auxiliary Gas	Nitrogen/Argon/Oxygen
Machine Weight	285kg/650 lbs
Cable Length	8m(26.25ft)

M2 MAX/M2 ULTRA

Machine Model	M2 MAX/M2 ULTRA
Laser Power	800W/1200W
Cutting Thickness	Up to 8mm(0.31") with 800W Fiber/ Up to 10mm(0.39") with 1,200W Fiber
Working Area	1,380×920mm (54.3"×36.2")
Max. Working Speed	800mm/s
Maximum Acceleration	1G
Power Input	100–240V AC, 50/60 Hz
Wavelength	1,080±10nm
Cooling Method	Air Cooing
Machine Dimensions	620×355×610mm(24.4"×14.0"×24.0")+ 2,185×1,780×1,100mm(86.0"×71.0"×43.3")
Functions	Welding/Cutting/Rust Removal & Cleaning/CNC Metal Cutting
Welding Thickness	0.2-4 mm(0.0078"-0.157")/0.2-5 mm(0.0078"-0.197")
Repeat Positioning Accuracy (X/Y)	±0.02mm
X-Axis Travel	1,450mm
Y-Axis Travel	960mm
Z-Axis Travel	60mm
Laser Safety Class	Class 4
Auxiliary Gas	Nitrogen/Argon/Oxygen
Machine Weight	590kg/1,320 lbs
Cable Length	10m(32.81ft)

M3/M3 PRO

Machine Model	M3/M3 PRO
Laser Type	Fiber Laser+CO_2 laser
Laser Power	800W Fiber laser+80W CO_2 laser 1,200W Fiber laser+80W CO_2 laser
Cutting Thickness	Up to 8mm(0.31") in with 800W fiber laser Source/ Up to 20mm(0.79") in with 80W CO_2 Laser Tube Up to 10mm(0.39") in with1,200W fiber laser Source/ Up to 20mm(0.79") in with 80W CO_2 Laser Tube
Working Area	620×620mm(24.4"×24.4")
Max. Working Speed	600mm/s
Maximum Acceleration	0.6G
Power Input	100–240V AC, 50/60Hz
Wavelength	1,080±10nm
Cooling Method	Air Cooling+Water Cooling
Machine Dimensions	620×355×610mm(24.4"×14.0"×24.0")+ 1,400×1,150×950mm (55.1"×45.2"×37.4")
Functions	Welding/Cutting/Rust Removal & Cleaning/ CNC Metal Cutting/CO_2 Cutting/CO_2 Engraving
Welding Thickness	0.2-4mm(0.0078"-0.157")/0.2-5mm(0.0078"-0.197")
Repeat Positioning Accuracy (X/Y)	±0.02mm
X-Axis Travel	760mm
Y-Axis Travel	620mm
Z-Axis Travel	50mm
Laser Safety Class	Class 4
Operating Temperature	32°F~104°F (-10°C~40°C)
Auxiliary Gas	Nitrogen/Argon/Oxygen
Machine Weight	300kg/660 lbs
Cable Length	8m(26.25ft)

M3 MAX/M3 ULTRA

Machine Model	M3 MAX/M3 ULTRA
Laser Type	Fiber Laser+CO_2 laser
Laser Power	800W Fiber laser+130W CO_2 laser 1,200W Fiber laser+130W CO_2 laser
Cutting Thickness	Up to 8mm(0.31") in with 800W fiber laser Source/ Up to 25mm (1") in with 130W CO_2 Laser Tube Up to 10mm(0.39") in with 1,200W fiber laser Source/ Up to 25mm(1") in with 130W CO_2 Laser Tube
Working Area	1,380×920mm(54.3×36.2")
Max. Working Speed	800mm/s
Maximum Acceleration	1G
Power Input	100–240V AC, 50/60 Hz
Wavelength	1,080±10nm
Cooling Method	Air Cooling+Water Cooling
Machine Dimensions	620×355×610mm (24.4"×14.0"×24.0")+ 2,185×1,780×1,100mm(86.0"×71.0"×43.3")
Functions	Welding/Cutting/Rust Removal & Cleaning/ CNC Metal Cutting/CO_2 Cuttin /CO_2 Engraving
Welding Thickness	0.2-4mm(0.0078"-0.157 ")/0.2-5mm(0.0078"-0.197")
Repeat Positioning Accuracy (X/Y)	±0.02mm
X-Axis Travel	1,450mm
Y-Axis Travel	960mm
Z-Axis Travel	60mm
Laser Safety Class	Class 4
Operating Temperature	32°F~104°F (-10°C~40°C)
Auxiliary Gas	Nitrogen/Argon/Oxygen
Machine Weight	610kg/1,340 lbs
Cable Length	8m(26.25ft)

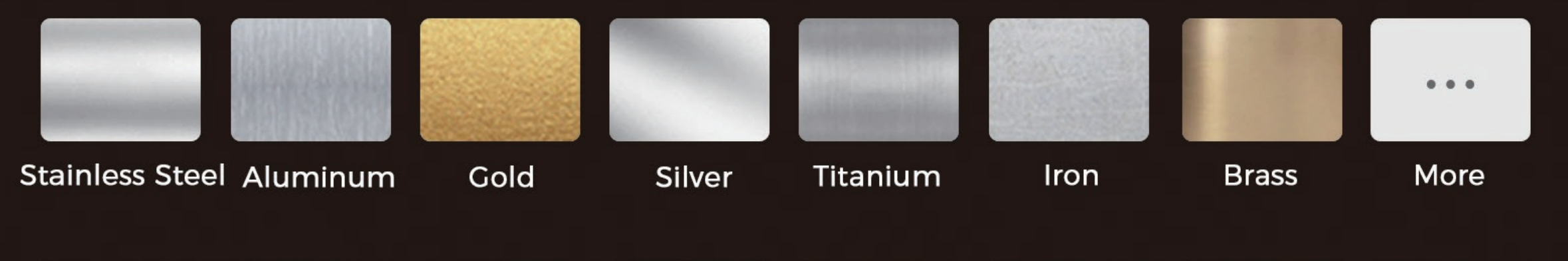
What's Gweike M Series?

The M Series integrates all these functions into one compact, professional-grade cutting system, powered by a high-performance 800W/1200W fiber laser and a 80W/130W CO_2 laser. With cutting speed up to 800mm/s and ±0.02mm repeat positioning accuracy, it easily handles 10mm carbon steel and 25mm wood. Its intelligent system simplifies operation, boosting productivity and precision without the complexity or cost of traditional equipment.

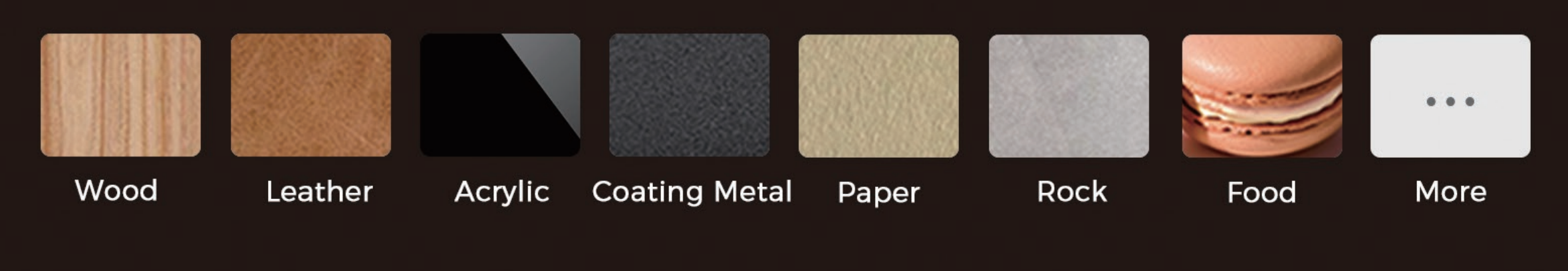
CNC Gantry Cutting | Laser Welding | Laser Cleaning | Handheld Cutting | CO_2 Laser Cutting | CO_2 Laser Engraving

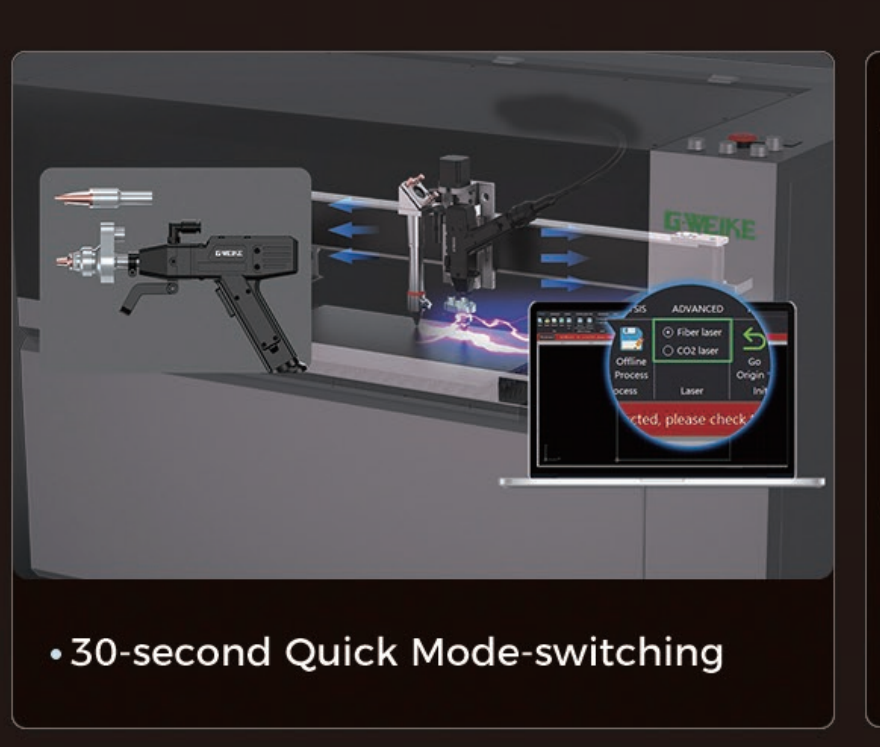
Material & Application

800W/1200W Fiber Laser
Cutting/Welding/Cleaning

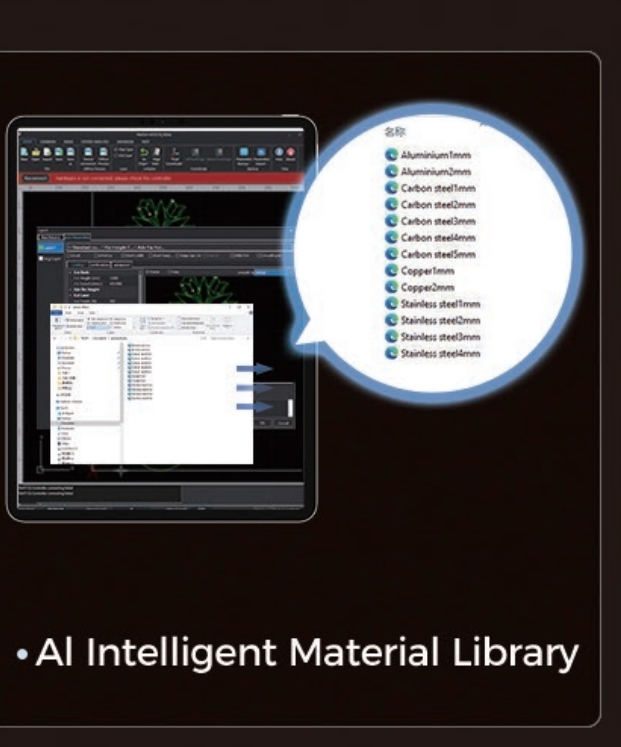


80W/130W CO2 Laser
Cutting/Engraving

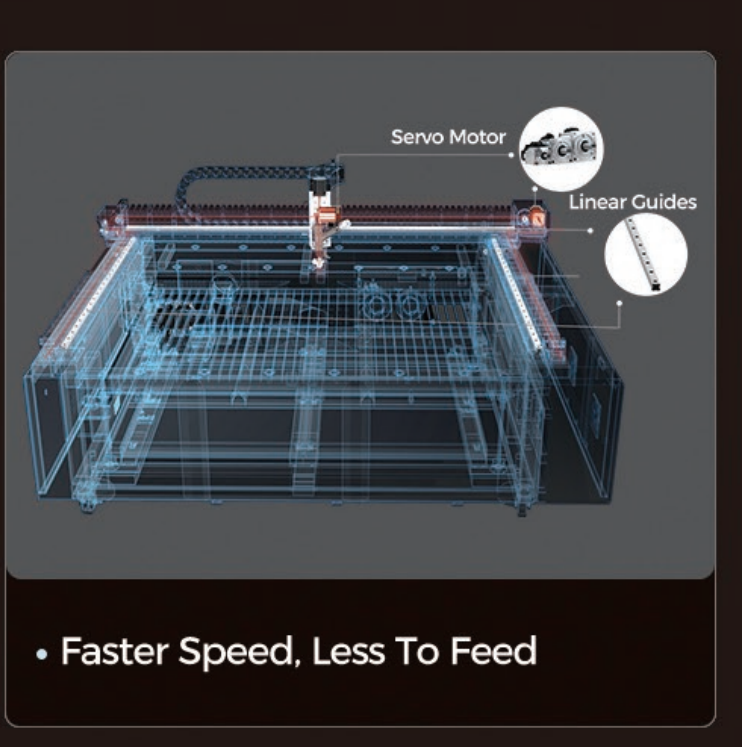




- 30-second Quick Mode-switching



- AI Intelligent Material Library



- Faster Speed, Less To Feed

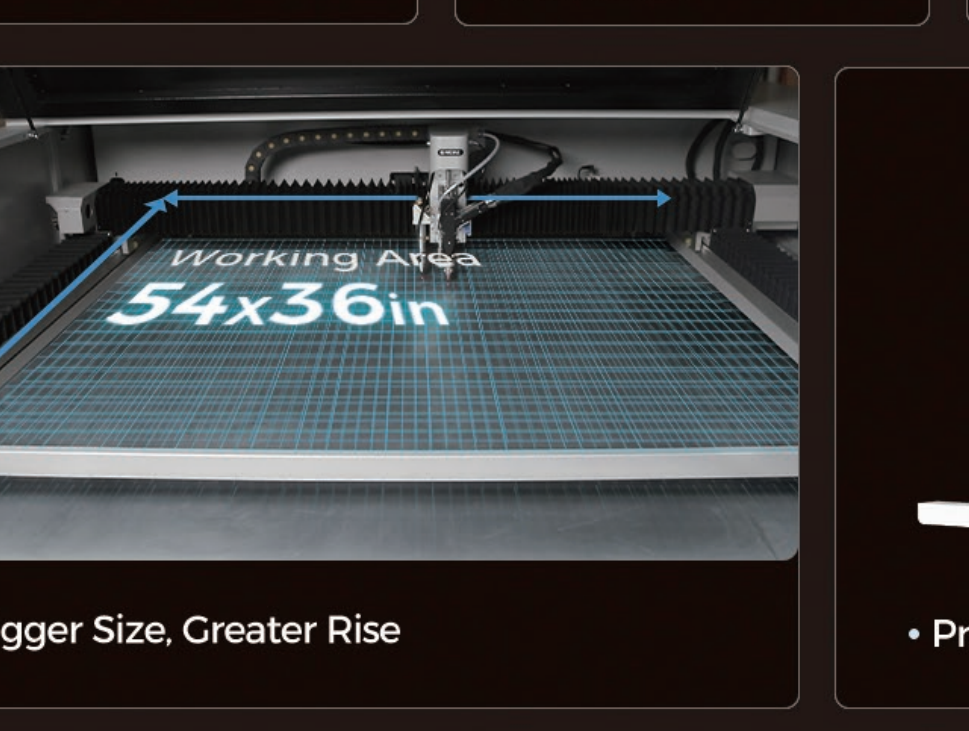
- Autonomous Obstacle Avoidance

- Remote Controller

Maximum Cutting Thickness Of Carbon Steel 10mm.
Maximum Cutting Thickness Of Wood 25mm.

- Strong Cutting Ability

- Environmental protection and smoke treatment



- Bigger Size, Greater Rise

- Professional Software

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