



中谷联创

ZHONGGU LASER

The New Handheld Laser Welding Machine



- Flexible use of Laser Technology Advantages
- **3 in 1** Laser Welding, Cutting, Cleaning
- **Best Seam Quality** in Regards to Weld Surface and Strength
- No welding Experience Required
- **100% Mobile** and Flexible Can be used Both indoors and outdoors



Laser Welding



Laser Cutting



Laser Cleaning

Application industry



Stainless Steel Frame



Shelves



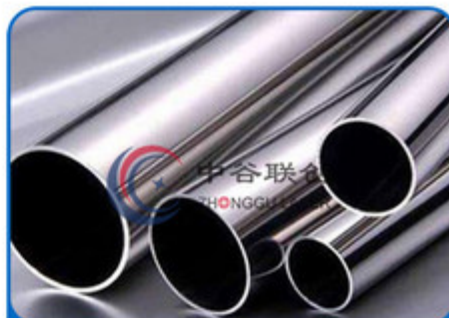
Kitchen and Bathroom



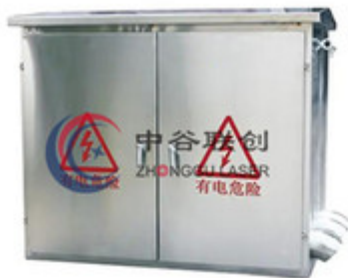
Doors and Windows



Iron Railing



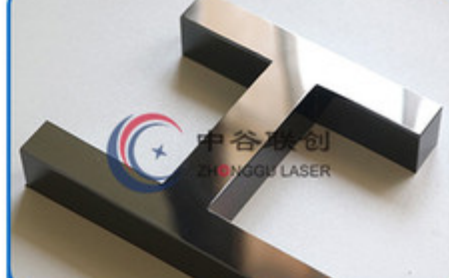
Pipe Welding



Distribution Box

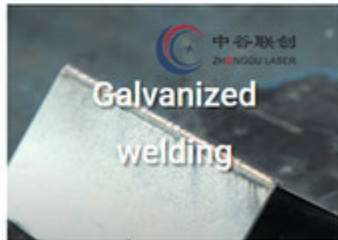
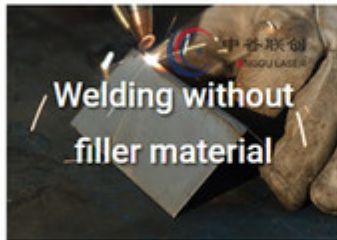
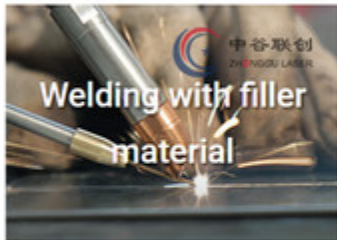


Stainless Steel Furniture



Advertising Words

Application Materials



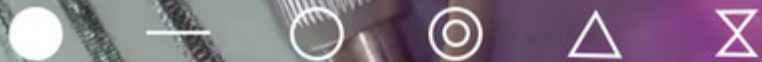
Machine Structure





Wobble Welding Head

Multiple Spot Mode Can be Switched Freely



中谷联创
ZHONGGUO LASER



Technical Parameter

Model	ZG-HW-1000	ZG-HW-1500	ZG-HW-2000	ZG-HW-3000
Laser Power	1000watt	1500watt	2000watt	3000watt
Laser Source	Fiber Laser Manufactured by Raycus / Max / JPT			
Wavelength(nm)	1064 - 1080			
Laser Mode	Laser Welding / Cleaning / Cutting			
Beam Quality	M2<1.2	M2<1.2	M2<1.5	M2<1.5
Length of Fiber	5-10m (customized)			
Interface	QBH			
Welding Width	0.2-5mm (adjustable)			
Laser Preview	Integrated Red Light Preview			
Cooling	Integrated Water Chiller			
Language	Chinese / English / Russian / Korean / Vietnamese			
Power Supply	AC 220V, 50Hz/60Hz		AC 380V, 50Hz/60Hz	
Security System	TSS - Trip Security System Available			
Parameter Setting	Touch Panel			
Welding Materials	Carbon Steel, Stainless Steel, Aluminum, Brass, Alloy etc.			
Welding Speed	0-120mm/s (adjustable)			

Product Details



Handheld Welding Head

A lightweight handheld gun provides flexible and convenient for welding jobs.

Control System

All the parameters can be fast set by touch screen. It supports multiple languages.



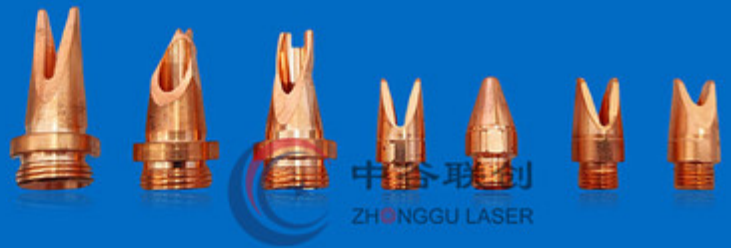


Wire Feeder

Equipped with wire feeder for better welding. High wire feeding precision and good repeatability.

Welding Nozzle

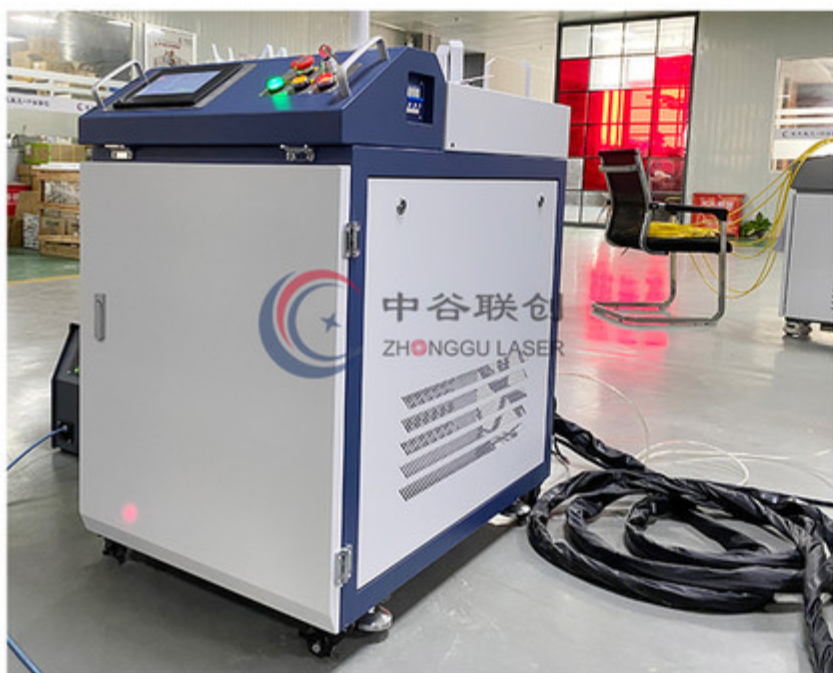
Different welding nozzle can be choose to adapt various angles of welding.



Assistant Gas

Can be Connected with Nitrogen Gas / Argon Gas.

3 in 1 Model One Machine with Two System



Extreme long fiber cable can deliver laser to where it needed. Dust-proof integrated mobiled cabinet can be used both indoors & outdoors.

Laser welding system

Scan speed	mm/S	Laser enable
Scan width	mm	Indication of red light
Peak power	W	Welding mode
Duty cycle	%	Secure lock
Frequency	Hz	



Laser Welding System

Laser cleaning system

Scanning frequency	Hz	Laser enable
Scan width	mm	Indication of red light
Peak power	W	
Duty cycle	%	
Frequency	Hz	



Laser Cleaning System

3 in 1 version with dual system(welding, cutting & cleaning)

Welding Technology & Samples

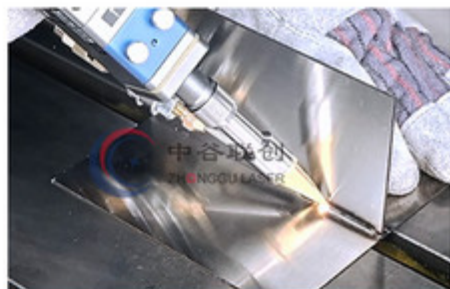
Applicable to welding carbon steel, stainless steel, aluminum, brass , alloy metals, etc.



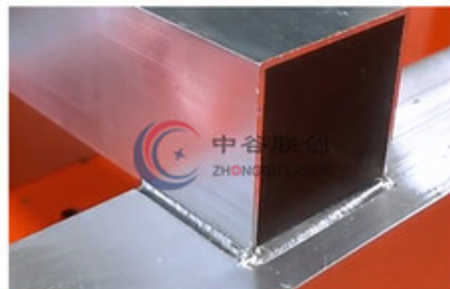
Butt joint



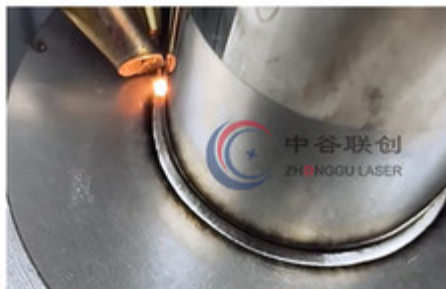
Lap joint



Tee joint



Corner joint



Butt joint



Corner seam

Our Payment

Payment: T/T, L/C, Trade Assurance etc.



Trade Assurance



100%

In-time aftersales service



100%

On-time shipment protection



100%

Payment protection for your covered amount

Packaging & Shipping

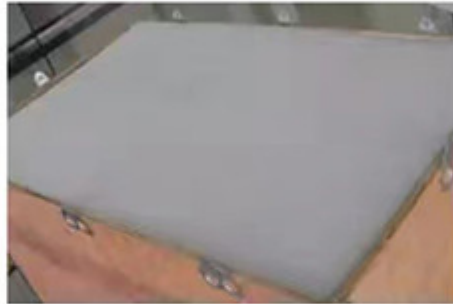
 **100% Quality Guarantee**

 **100% On-time Delivery**

1. Standard wooden cases with sponge filled inside for packing protection.
2. The Wooden case is fumigation free which is suitable by sea & by air.
3. Customized Packing as per Customer's requirement.



Waterproof thickening plastic bag



Foam to protect shaking



Solid export wooden case



By sea



By air



By international express

You will purchase from a manufacturer has been founded for 37 years.

We supply not only machines but also consistent services.

ZG LASER

Industry Laser

Medical Laser

Entertainment Laser



楚天中谷联创
CHUTIAN ZHONGGU LASER

1985

Chutian
Established

2011

Qizhi Medical Laser
established

2001

Wuhan Lianchuang
established

2013

Panasia Culture &
Touris established

2016

Wuhan Lianchuang
Was Listed
Stock No. 838256

2018

5-Axis Laser
Cutting System
developed

2020

Passed Industry
4.0 inspection by
Germany

2022

Invested by China
High-tech Industry
Investment Fund



楚天中谷联创
CHUTIAN ZHONGGU LASER



中谷联创

ZHONGGU LASER

Wuhan Lianchuang Photoelectric Technology Co.,Ltd.

A Chutian Laser Group Company

Since 1985



Website: www.chutian-laser.com



Email: market@ct-laser.com