

High power fast welding Jewelry Fiber laser welding machine 200W 400W



Machine Description

The laser welding machine for jewelry is specifically for jewelry laser welding of a product, mainly used in gold and silver ornaments of the hole and spot welding blisters. Laser spot welding machine is one of the important aspects of the application of laser material processing technology. The jewelry laser welding machine's process is heat conduction. That is, laser radiation heats the surface of the work piece. The heat of the surface spreads through the heat conduction to the interior. By controlling the width, energy, peak power and repetition of laser pulse Frequency and other parameters, the workpiece melting, forming a specific pool. Because of jewelry laser welding machine's unique advantages, has been successfully applied to gold and silver jewelry processing and micro, small parts welding.

Model	TPW-200W
Max power of single impulse	90J-150J
Laser power	200W/400W
Welding depth	0.1-3.0mm
Pulse width	0.1-20ms
Laser wavelength	1064nm
Power supply demand	220v/50/60hz





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Laser Welding Machine for Jewelry Machine Features

1. Good safety: with high speed electronic filter protection device, protect the operator's eyes from laser damage, relieve the operator's eye fatigue, improve work efficiency.
2. Strong anti-interference ability: the use of advanced new science and technology micro industrial computer, instead of all the functions of ordinary computer, its operation and stability to a higher level, advancing with The Times.
3. High stability: double closed loop precision control is adopted to ensure the energy of each solder joint is uniform and consistent.
4. Simple and convenient operation: equipped with large screen high-definition LCD, all Chinese interface parameter setting is simple and easy to understand, can save multiple parameters for continuous work.
5. Environmental protection: the use of closed welding convenient replacement, clean working area and welding dust recovery, reasonable use of resources, reduce costs.

Jewelry laser welding machine also has the characteristics of energy, pulse width, frequency, spot size and so on can be adjusted in a larger range, in order to achieve a variety of welding effects. The parameters are adjusted by the control lever in the closed cavity, simple and efficient. The use of British imported ceramic condensing cavity, corrosion resistance, high temperature resistance, high photoelectric conversion efficiency, condensing cavity life (8-10 years), xenon lamp life of more than 8 million times.

Machine working video

The Best Laser Welding Machine for Jewelers





Laser Welding Machine For Jewelry Technical Parameter

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Max power of single impulse	90J-150J
Laser power	200W/400W
Welding depth	0.1-3.0mm
Pulse width	0.1-20ms
Laser wavelength	1064nm
Power supply demand	220v/50/60hz
Weight	90KG
Cooling system dimensions	Water cooling
Power consumption	<=3KW
Observation system	10X Microscope or HD CCD
Max laser power	200W
Working humidity	5%-75%



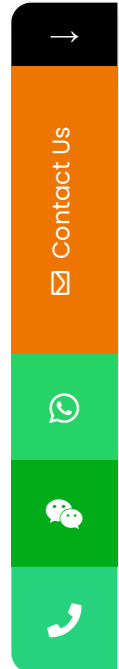
Optional

CCD System

Laser Welding Machine For Jewelry Main Parts

Microscope:High power microscope for welding metal easily.

Control panel:Simple operation and easy to use.





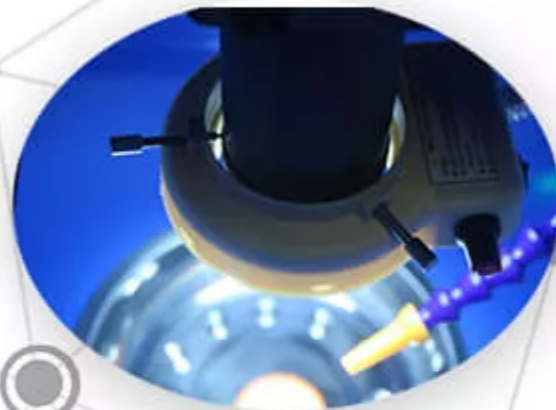
MICROSCOPE

High power microscope for welding metal easily



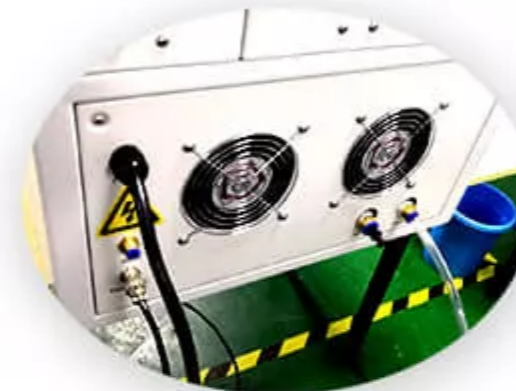
CONTROL PANEL

Simple operation and easy to use.



LED LIGHT

360° LED light no dead angle lighting.



RADIATOR

Various functions at a glance. Pumping water, releasing water is more humanized. Clear safety label. Stainless steel joint.

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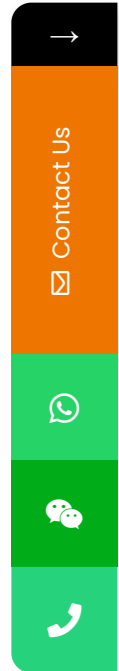
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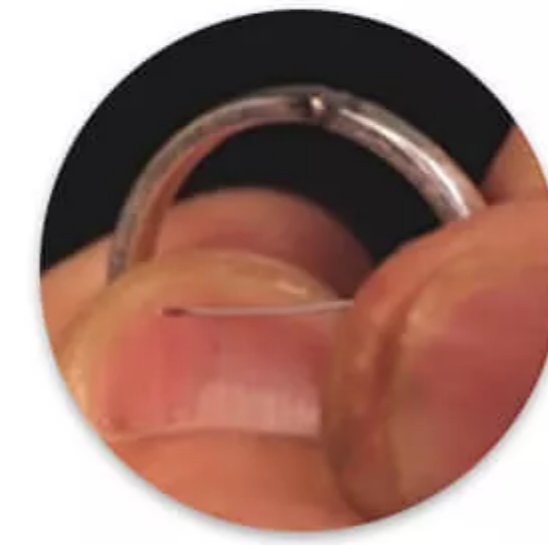
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Laser Welding Machine For Jewelry Cutting Samples



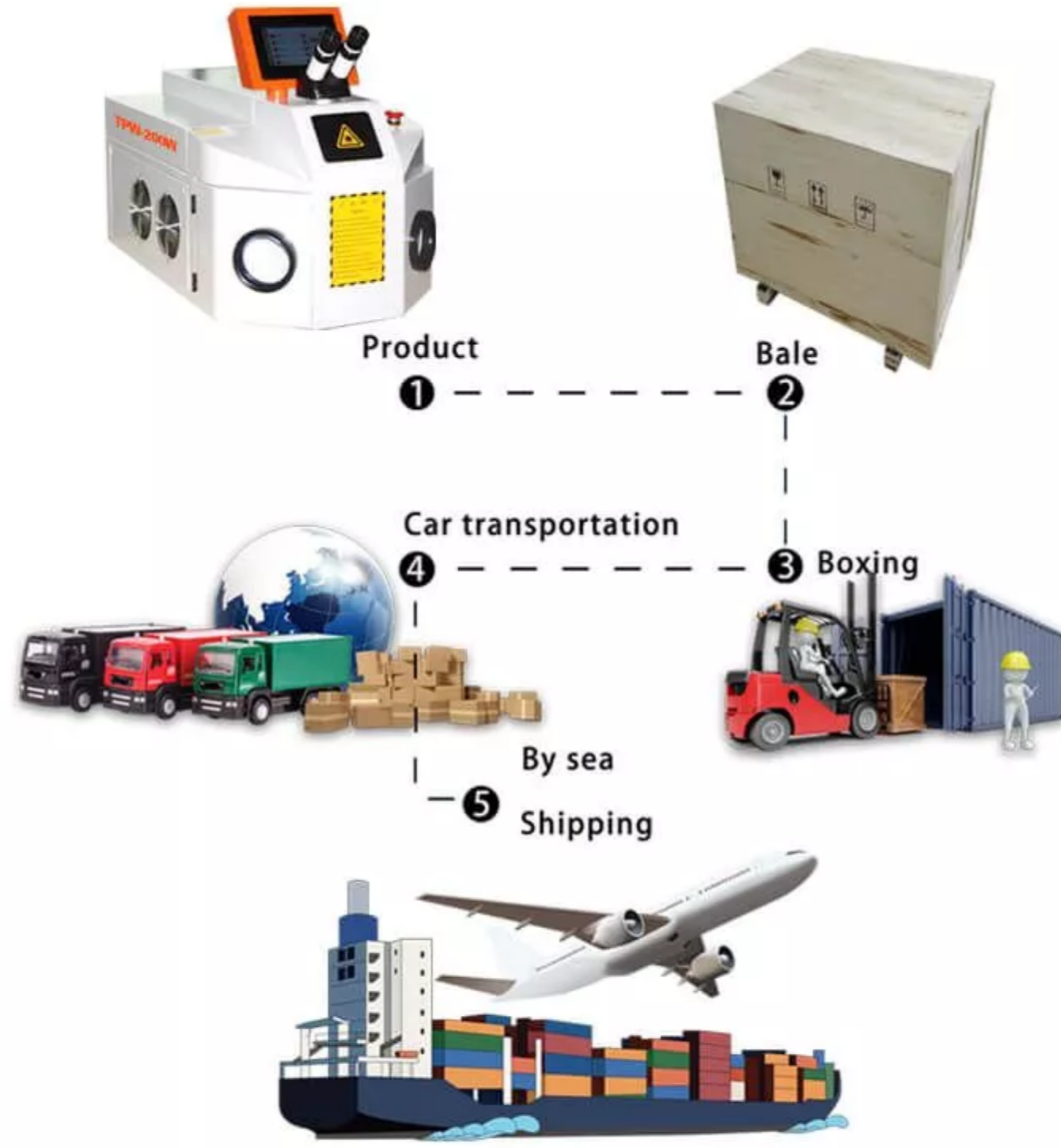


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Packaging & Shipping

1. Packaging: Our this jewelry laser welding machine is packaged by protect film ; anti-collision package edge;
2. Shipping: We cooperate with SINOTRANS company whose experience in the ocean transportation will guarantee your machine safety. We also provide train transport, especially to Russia, Ukraine and other inland countries.
3. Payment: We support T/T, VISA, Mastercard payment terms with Alibaba Trade Assurance.





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