



TAMC-C series

Fiber Laser Cleaning

Smaller size, better performance



Fiber laser cleaning machine

Feature of product :

- The light spot can be adjusted from 0 to 300mm;
- Rust removal gun weight 0.7KG
- The system monitors the running status from time to time, monitors and collects the running status of lasers, chillers, and control panels;
- Light weight, small size, ergonomic design, comfortable grip;
- The safety lock touches the light;
- The operation is simple and easy to use, and the requirements for operators are extremely low;
- Strong anti-interference;
- The fully sealed structure has built-in water and air channels;
- Safe and pollution-free, low maintenance cost;

The hand-held laser rust removal and cleaning machine adopts the latest generation of optical fiber laser, which has the advantages of simple operation, small appearance and fast cleaning speed. It has an irreplaceable cleaning process in hardware material rust removal and oil removal. Easy to install, control and automate. Simple to operate, turn on the power and turn on the equipment, you can clean without chemical reagents, media, dust and water, you can manually adjust the focus, clean with curved surfaces, and clean the surface with high cleanliness Advantages, can remove resin, oil, stain, dirt, rust, coating, plating, paint on the surface of the object.

Fiber Laser Cleaning	
Model	TAMC-C1500W
Laser power	1500W
cleaning range	Clean welds, clean rust, clean paint, clean oil, etc.
Laser	BRAND : MAX
Fiber cable length	8M
Cooling method	water cooling
cleaning width(mm)	Adjustable 1 ~300 mm
Power adjustable range	10%~100%
Laser gun weight	0.7 KG
Input voltage	Single-phase 220V
Frequency	50 HZ / 60 HZ
Auxiliary gas available	Air, nitrogen, argon
Consumables	Lens, auxiliary gas, purified water. Lens built into the tip: Protective lens*1

Laser Cleaning
Demonstration Video

- <https://youtube.com/shorts/NyY4Ei-EaKY?feature=share>
- <https://youtu.be/7vtkbs5CD6U>
- https://youtu.be/bTdop-w_Cjl
- <https://youtu.be/1fQP9FBUMI8?t=21>

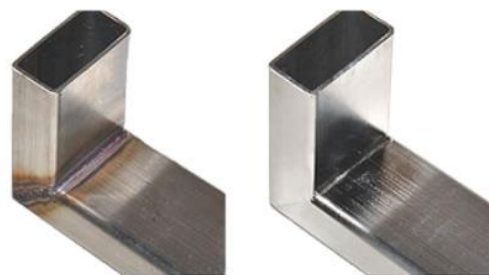
Installation requirements, preparations, working environment

- The installed power supply of the laser cleaning machine: 220V±5%, the brown and blue wires are the live wire (L) and the neutral wire (N), which is 2.5 square meters, and the yellow-green ground wire (PE) is 2.5 square meters, which must also be in accordance with national regulations Safety ground wire. Customers need to install a minimum 32A air leakage switch in advance according to the above requirements.
- The customer should prepare the corresponding peripheral configuration before purchasing the equipment: air with 6KG pressure without water and oil, and a trachea with an outer diameter of 8MM.
- This laser cleaning machine uses precise laser accessories, including fiber lasers, chillers, and hand-held cleaning heads. Therefore, the equipment is installed in a room with less dust to prevent dust from entering. When the dust enters the components on the optical path, it will affect the reflection and transmission of the laser light, and in severe cases, the equipment will not be able to be used directly.
- There should be no vibration around the use of the illusion, to prevent the confidential optical path from affecting the laser energy after vibration, and reduce unnecessary maintenance of the equipment.

Application



Rust cleaning



Weld bead cleaning



Oil cleaning



Paint cleaning



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台灣三軸科技有限公司

TAIWAN 3 AXLE TECHNOLOGY CO.,LTD

The best solution for laser cutting/engraving/welding/rust Cleaning

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