



Laser Cleaning Machine

Technical solutions

Product Description ⁰²

G.WEIKE cleaning system is the new generation product with a high technology that applies for the purpose of the material surface cleaning application, which is easily to be set up, operated and automated. No need of chemistry, water or other working medias, the equipment can be also applied for removing the resin, grease, stains, dirt, rust material, coating, coating and paint. This device can be auto-focused on a specified area of the target surface of the material, which leads to a high performance of cleanliness result.





- ◆ High cleaning cleanliness
- ◆ Precise positioning and cleaning
- ◆ Non-contact material when cleaning that can protect the material
- ◆ Effectively remove micron-sized particles
- ◆ Environment friendly, no consumables

Advantage

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Real-time monitoring of the cleaning process and can achieve specific location and size cleaning

Real Time Monitoring

Low operating costs, laser cleaning system is stable and requires little maintenance

Don't Need Maintenance



Environment Friendly

No chemical pollution, almost no damage to the material surface

High Efficiency

Automated operation, stable output, high efficiency, don't need chemical cleaner, no consumables

Host Control System

The operation panel is easy to understand, easy to operate, and can be set with various parameters to control both laser and ammeter.

Technical Parameters

Laser Power	200W	300W	400W	500W
Laser Wavelength	1064nm			
Scan Width	10-80mm			
Power adjustment range (%)	10-100(Gradient adjustable)			
Input Power	Single Phase220V±10%		50/60Hz Three Phase	
Dimensions(mm3)	935*720*1248mm			
Mobile mode	Handheld			
Power consumption	4000W (Include Water Chiller)			
Weight	56kg	60kg	66Kg	178Kg
Cleaning Head Weight	3.0Kg			

Application

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G·WEIKE
金威刻激光

Laser cleaning is mainly used to remove rust, paint, degreasing and oxide film of precision parts due to its high efficiency, energy saving and environmental protection.



Weld Cleaning



Part Rust Removal



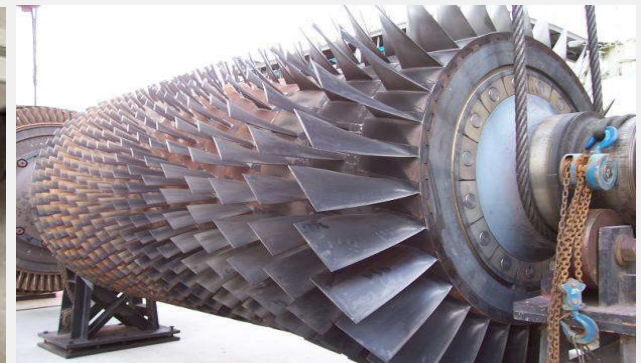
Railway track derusting



Casting Paint Removal



Mold Degreasing



Rotor Blade Rust Removal

Industrial Application

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G·WEIKE[®]
LASER

Laser cleaning is widely used in a wide range of industries, mainly in the mold, automotive manufacturing, heritage restoration and shipbuilding industries.

