



Dishaa[®]

LASER CLEANING MACHINE

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Laser Cleaning Machine

Laser cleaning equipment is a new generation of high-tech products which can clean the surface of metal material.

Easy to install and operate.

Connect to the power, turn on the equipment, then can clean work pieces without chemical reagents, media, dust and water. The machine can focus automatically, and have the advantages of curved surface cleaning and high cleanliness. It can remove dirt, rust, on the surface of work pieces.

Advantages:

The machine can use same laser source with laser welding machine, change the laser cleaning gun easily and controller to reach cost performance and work performance result, user can buy the machine easily within budget



Laser cleaning machine is mainly used in aviation, ship, cultural relic protection, automobile peripheral, track, weapons, electronics industry, Precision hardware and other fields. Such as: metal surface rust removal; surface oil pollution, stain, dirt cleaning; surface coating, coating removal; welding surface / spray surface pretreatment;

Technical Parameters

Model	DLW- 1000C / 1500C / 2000C
Output optical power	1000W/1500W/2000W
Large pulse energy	100J
High peak power	9.9kw
Pulse width	0-15ms
Repetition frequency	50-50,000HZ
Spectroscopic methods	Precision energy splitting or high speed time splitting
Closed loop feedback control	Arbitrary waveform rea-time control power negative feedback
Energy fluctuation	< ± 3%
Aiming mode	Laser diode red light indication
Numbers of optical fiber paths	standard one light paths
Cooling way	Built-in water chiller
Power consumption of equipment	≤5kw
Power requirements	AC 220V+15%,50HZ/60HZ
Size of host	1360*660*1060mm

Comparison Cleaning



Before



After