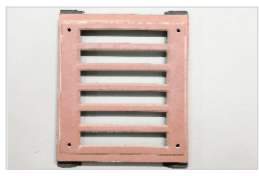

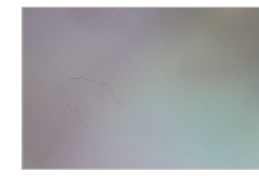
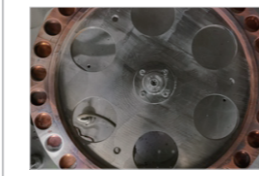


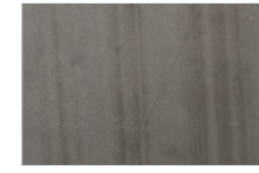



Parameters

Parameters	LSF100C	LSF200C	LSF500C	LSF1000C
Power	100	200	500	1000
Speed	≤10000mm/s			
Cooling system	water-cooled	water-cooled/air-cooled		water-cooled
Mode	Manual / Auto			
Working distance	160 Standard ,210,250,300mm			
Laser head weight	≈1Kg	≈2.5Kg	≈3Kg	≈4Kg
Fiber length	4.5M Standard		10M Standard	
Power source	AC 220V 50KHz		AC 380V 50KHz	
Total size	350×450×700mm	900×560×1000mm	900×700×1100mm	1100×800×1200mm
Working temperature	0-40			
Demand vibration	Less than 0.98m/s ² (0.1G) 10 60Hz. Transportation Less than 4.9 m/s ² (0.5G)			

Samples

	Mould	Fixture	Fenders	Crucible
Before				
After				

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HGLASER

You are welcome to visit and inspect the company if you want to get a more in-depth understanding of our company and products. We will wholeheartedly provide you with visits to the company, observation samples, and print trials sample, process discussion and other services. The content of this book has been researched and reviewed by our company at the time of publication, and is subject to internal changes without notice.

HGLASER

LASER CLEAN SOLUTION

Efficient environmentally friendly safe and reliable



Suitable for cleaning of contaminants such as film layer/oxide layer/oily layer in the optical coating industry

High cleaning cleanliness and precision
 No scratch to the substrate surface

Laser cleaning machine
LSF100C/LSF200C/LSF500C/LSF1000C

Laser cleaning technology uses a laser with a narrow pulse width and high power density to act on the surface of the object to be cleaned. Under the combined action of rapid light vibration, vaporization, decomposition and plasma stripping, the surface dirt, rust or coating Instant evaporation and peeling occurs, realizing the purpose of surface cleaning. Laser cleaning has high efficiency, low use cost, environmental protection, health, and pollution-free compared with the traditional pickling, sandblasting, and manual polishing methods.

Features:

1 Environmental protection and safety respond to the national carbon neutral vision

2 No consumables, reducing processing time by 25%

3 Low cost and the cost of use is reduced by 50%

4 Low noise and health, pay more attention to the health and safety of employees

5 Convenient, easy to operate

6 Stable and efficient, stable processing products, long equipment life

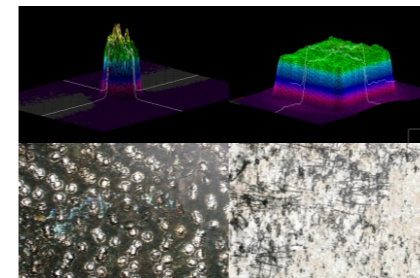
1 Environmental protection and safety respond to the national carbon neutral vision

Environment friendly cleaning process, no grinding, non-contact cleaning, to avoid secondary pollution.



2 No consumables, reducing processing time by 25%

Benefit from excellent beam quality and reliable laser pulse, high cleaning precision and strong controllability. By adjusting the laser process parameters, the contaminants can be effectively removed without damaging the substrate, and the surface can take on an altogether new aspect.



3 Low cost and the cost of use is reduced by 50%

Laser cleaning machine uses no consumables compared with traditional pickling, sandblasting, and manual polishing methods, and consumes power only 1/4 of sandblasting. It can also be used with automated cleaning to reduce personnel expenses.

4 Low noise and health, pay more attention to the health and safety of employees

The smoke and particles generated after laser impact on the surface can be vacuumed by the negative pressure of the smoke purifier, and the filtering accuracy can reach 99.95%. It can be discharged indoors. At the same time, compared with other methods, the processing noise is less, no radiation, no corrosion, and pay attention to the health and safety of employees.



5 Convenient, easy to operate

The laser cleaning machine is designed for simplicity and does not require any laser expertise. The intuitive software and customized interface make work easier. The equipment is plugged in and turned on with one button, and it can also be quickly and easily coordinated with the robot to achieve automatic cleaning.



6 Stable and efficient, stable processing products, long equipment life

The use of high-quality fiber high-pulse laser, theoretical use of maintenance-free time is more than 100,000 hours, to provide users with a truly integrated solution: fiber laser, laser cleaning head, control part and cooling cycle system components are integrated in a cabinet, no separate control cabinet is required to ensure the stability of its equipment.