

Continuous Fiber Laser Cleaning Machines



Introduction:

Continuous Fiber laser cleaning machine which adopt a cheap Continuous fiber laser source. For laser power, we can choose from 500W, 1000W, 1500W 2000W etc. Compared with Pulsed fiber laser source, CW laser is much cheaper price. So if you have special and unique laser job, this may be a good choice. The cleaning is fast but need to work on thick metal and materials which are not easy burned, like stone, brick, glass etc.

Characteristic:

1. high power fast laser cleaning
2. Non-contact cleaning, no damage to the parts matrix.
3. Accurate cleaning, can achieve precise location, precise size selective cleaning.
4. No consumables, safe and environmental protection.
5. Simple operation,
6. Efficient
7. maintenance-free.
8. APP controller with Bluetooth

Technical data:

| | | |
|---------------|-----------------------------------|-----------------------------------|
| Model | QA-LC2000C | QA-LC1000C |
| Laser source | Fiber Laser | Fiber Laser |
| Laser Power | 2000W | 1000W |
| Fiber cable L | 10M | 10M |
| Wavelength | 1080nm | 1080nm |
| Frequency | 50-20000 Hz | 50-20000 Hz |
| Clean speed | $\leq 50 \text{ M}^2/\text{Hour}$ | $\leq 40 \text{ M}^2/\text{Hour}$ |
| Cooling | Water cooling | Water cooling |
| Dimension | 9200*600*1180 mm | 9200*600*1180 mm |
| Weight | 220Kg | 200Kg |
| Beam width | 10-170mm | 10-170mm |
| Optional | Manual | Manual |
| Temperature | 10-40 °C | 10-40 °C |
| Power | < 8KW | < 7KW |
| Voltage | Three Phase 380V, 50/60HZ | Single Phase 220V, 50/60HZ |

Application scope:

Metal workpiece laser derusting, degreasing, laser paint removal, laser removal of zinc and film, laser coating removal, widely used in aerospace, mold, microelectronics, construction, nuclear power plants, automobile manufacturing, medical, military etc.

Sample:



Youtube video links:

<https://www.youtube.com/watch?v=obawbL9usGU>

<https://www.youtube.com/watch?v=gf9nukfCBec>

<https://www.youtube.com/watch?v=uAlqIO3X1Ng&t=3s>

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