OEM&ODM

PULSE LASER CLEANING MACHINE

100W/200W/300W/500W/1000W

500W
AIR COOLING

High-Efficiency

Extended Automation

Environmentally Friendly

Support Customization

500W air-cooled pulsed laser cleaning machine is a new type of high-power cleaning equipment. It features a unique air cooling system, which can be applied to various working scenarios. The power ranges from 100W, 200W, 300W, 500W, 1000W. Different control systems are available for selection. The operation is simple and it is the best choice for users. It is mainly used for rust removal, paint removal, glue removal, coating removal and plating removal. It is suitable for removing rust layers and thick paint layers, as well as surface roughening, weld cleaning and other process steps. The efficiency is extremely high. It is widely used in industries such as aviation, ships, cultural relic protection, automotive accessories, food industry, railways, rubber molds and others.

01 FEATURE

NON-CONTACT CLEANING

Non-contact cleaning, and it will not cause any damage to the component structure.

HIGH POWER&FAST CLEANING SPEED

Compared with lower laser power cleaning machines,with 62.5mj and 100mj maximum pulse energy, 8 cleaning modes, it can clean metal, steel, stone and other materials in a shorter period of time, which can save your time cost of cleaning work.

ENVIRONMENTAL PROTECTION

The laser cleaning rust machine can remove rust without any chemical no supplies, cleaning fluid, safety and environmental protection.

PRECISE CLEANING

Precision cleaning, the laser removal machine can achieve selective cleaning and precise location .

SIMPLE OPERATION & HIGH EFFICIENCY

The operation is very simple. Just connect the power supply and it can automatically clean. the cleaning efficiency is extremely high and it saves a lot of time.

02 DETAILS

Higher cleaning efficiency

Cleaning width up to 150*150mm

Imported quartz field Lens can support higher laser power,Better stability and higher efficiency. It supports a variety of field Lens specifications,Adapt to more application scenarios.

Lens specifications	Cleaning width
F160	80*80mm
F254	130*130mm
F300	150*150mm

Powerful software

DHCP200 has 10 security alarm protection systems,
The product is more stable. Support multiple IO Modbus
More communication methods and control functions.
Simultaneous support LOGO, interface and
specific function customization.

Settings
Correct
IO
Temp.
Users
Others
Versions
PwrRamp.
DynPar.

10 items of safety
Alarm protection

Support IO/MODBUS
Multiple communication methods

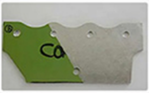
control function
More abundant

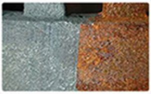
Support logo, interface and
Specific function customization

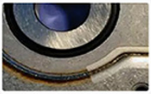
Better cleaning effect

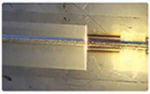
8 cleaning modes are optional

DHCP200 supports 8 cleaning modes, which can be applied to many kinds Complex cleaning scenarios. Support slow rise and slow drop of laser power Real time control, better cleaning effect, no damage to the substrate.



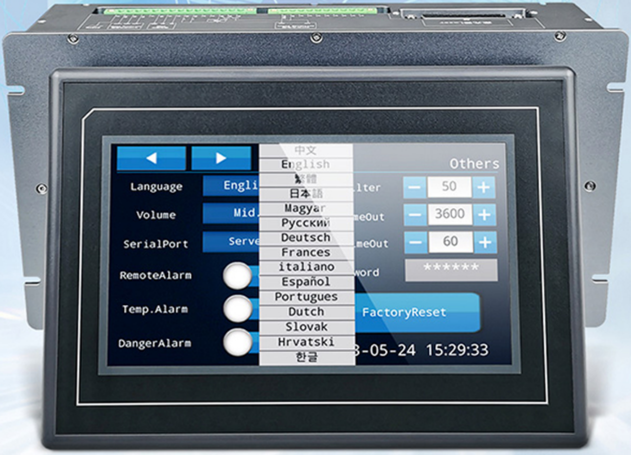






Support 15 language switching

DHCP200 supports 11 language switching, which can accommodate more Used by national users. There is no obstacle in man-machine communication.



LASER SOURCE

JPT pulse laser,with a laser power of 100w/200w/300w/500w/1000W optional,perfect laser haracteristics and good pulseshape control capability.The advantage of pulse energy higher and uniformdistribution of output spot Energy.

POWER
OFF
EMERGENCY

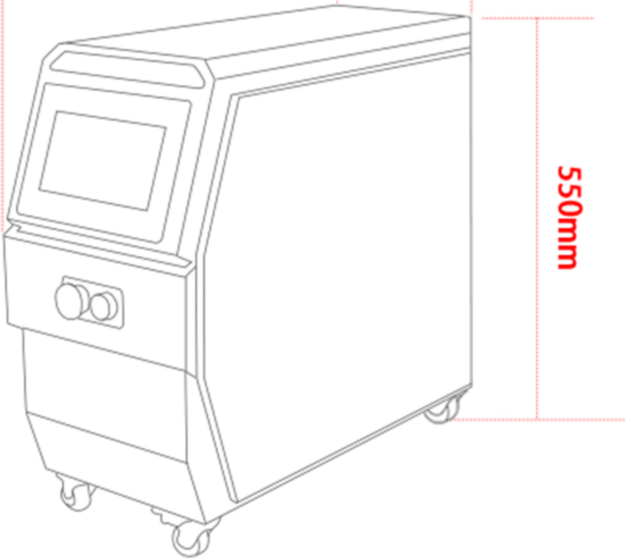
AIR COOLING

Unique air-cooling system,Protect the laser source and prolong the life of the laser source.

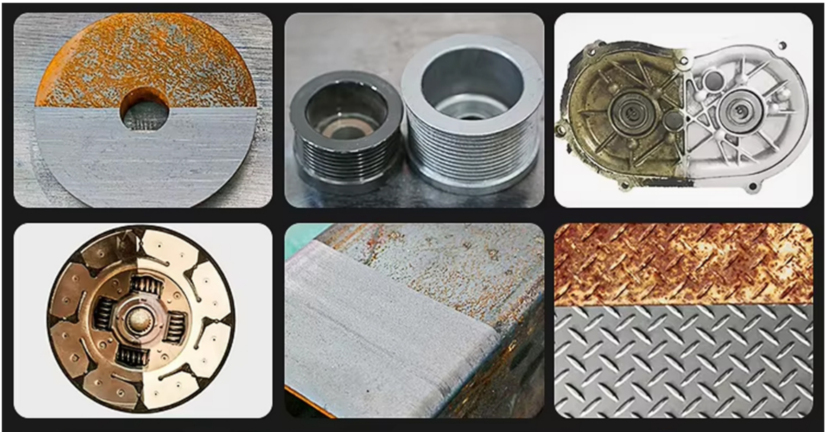
03 PARAMETERS

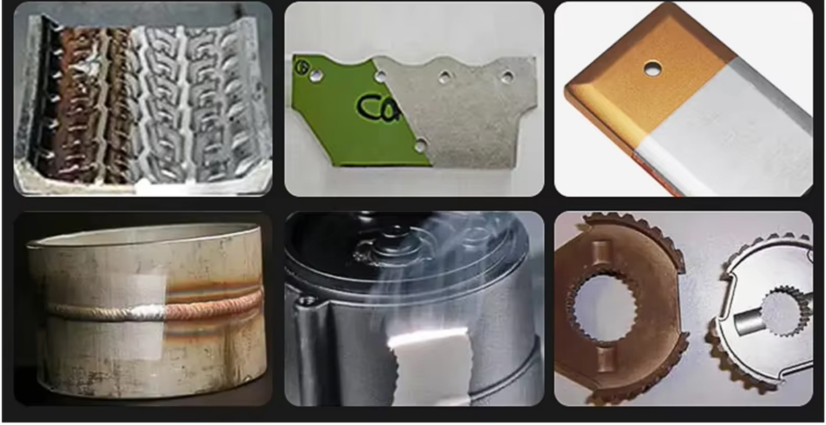
Machine Name	Pulsed laser cleaning machine
Laser Power	100W/200W/300W/500W/1000w
Laser Source	JPT
Laser Source Model	1000-50 Multimode
Laser Model	Flat Top Light
Fiber Beam Quality	<9M2
Maximum Single Pulse Energy	50MJ
Cleaning efficiency (paint)	30m2/h
Cooling system	Air cooling
Laser Operation Mode	Pulse
Pulse Width	30-500 NS
Maximum Output Power	1000W
Power adjustment range (%)	0-100%
Fiber Cable Lenth	15m
Laser Pulse Frequency	20-1000KHZ
Cleaning Model	8 Kinds
Working Temperature	-5~35°C
Cooling Water Temperature	28°°C
Supply Current	> 32A
Power Instabilit	Less than 5%
Operation Method	Handheld
Total Power	5000W
Auxiliary Gas Description	Dry gas (oxygen/nitrogen)
Machine Size (L*W*H)	650*30*550 mm
Net Weight	37kg

650mm
330mm



04 APPLICATION





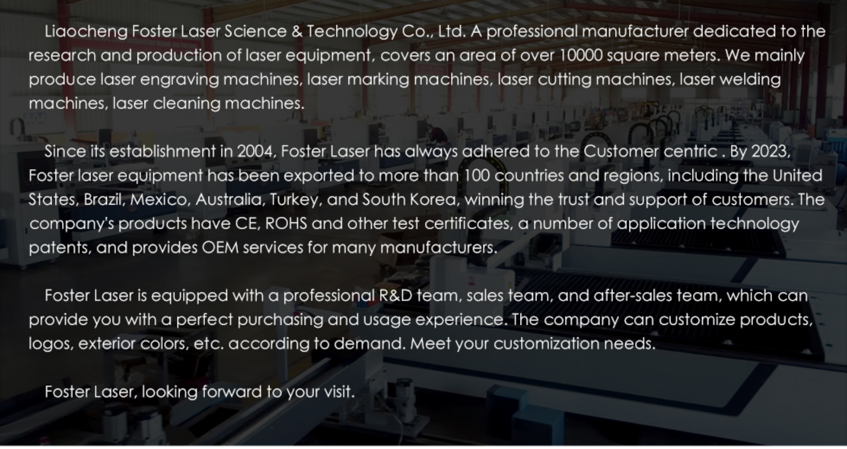
10 YEARS PROFESSIONAL ODM/OEM MANUFACTURER OF LASER EQUIPMENT

30,000m²+	27+	300+	4+
30,000-square-meter standardized workshop.	We currently hold 27 technical patents.	We produce more than 300 laser equipment every month.	We own four separate trademarks.

CE ISO RoHS FC SGS

天人合一
以信为本
用仁义道德实现企业可持续发展
用我们的产品为顾客创造幸福
福斯特激光

Liaocheng Foster Laser Science & Technology Co., Ltd.



Liaocheng Foster Laser Science & Technology Co., Ltd. A professional manufacturer dedicated to the research and production of laser equipment, covers an area of over 10000 square meters. We mainly produce laser engraving machines, laser marking machines, laser cutting machines, laser welding machines, laser cleaning machines.

Since its establishment in 2004, Foster Laser has always adhered to the Customer centric . By 2023, Foster laser equipment has been exported to more than 100 countries and regions, including the United States, Brazil, Mexico, Australia, Turkey, and South Korea, winning the trust and support of customers. The company's products have CE, ROHS and other test certificates, a number of application technology patents, and provides OEM services for many manufacturers.

Foster Laser is equipped with a professional R&D team, sales team, and after-sales team, which can provide you with a perfect purchasing and usage experience. The company can customize products, logos, exterior colors, etc. according to demand. Meet your customization needs.

Foster Laser, looking forward to your visit.

世界爱上中国智造
rldwide love for Chinese creation
18号
FST
福斯特
聊城福斯特激光科技有限公司
LIAOCHENG FOSTER LASER SCIENCE&TECHNOLOGY CO., LTD

WIPO
WORLD
INTELLECTUAL
ORGANIZATION

TRADEMARK

10+

- United States
- Mexico
- Britain
- Brazil
- Italy
- Germany

Foster Laser has successfully registered trademarks in 10+ countries, which means the company has obtained legal protection for trademarks in these countries. These registrations not only ensure exclusive use of the company's brand and prevent others from infringing or imitating it, but also provide strong support for the company's expansion in the international market.

International Certification Shows Brand Strength

- ✓ Strict Quality Control Standards
- ✓ Authoritative Certification
- ✓ Brand Guarantee

CERTIFICATE OF CONFORMITY
CERTIFICATE

1

Machine cleaning and
Protective oil processing

2

Wrapping with
protective film

3

Forklift moving goods

4

Container loading

5

Container Sealing

6

Transportation

MAERSK

msc

COSCO SHIPPING

CMA CGM

EVERGREEN

Hapag-Lloyd
Flug

EXHIBITION

Partners come from all over the world
With 10 years of export experience

VIEW MORE >>

FST
FOSTER LASER
FST-1080

FAQ | Welcome to contact us

Q How can I choose the most suitable machine?

A In order to recommend you the most suitable machine model, please let us know the following details: 1.What is your material? 2.The size of material? 3.The thickness of material?

Q When I get this machine, how do I use it?

A We will send operation video and manual for the machine. Our engineer will do training online. If needed, we can send our engineer to your site for training or you can send the operator to our factory for training.

Q If some problems happen to this machine, what should I do?

A We provide two years machine warranty. During the two-year warranty, in case any problem for the machine, we will provide the parts free of charge (except for artificial damage).
After the warranty, we still provide whole lifetime service. So any doubts, just let us know, we will give you solutions.

Q What is the payment terms?

A The payment terms we accept include:Western Union,T/T,VISA,Onlina Bank Payment.

Q How about the shipping ways?

A Transport by sea is the normal way;If special requirement,need to be final confirmed on both sides.