

COMET

LASER CLEANING MACHINES

COMET 120 MAINTENANCE FREE FIBER LASER

High-tech and latest product of surface cleaning

120W Laser Cleaning Machine

No Consumables

Environmental Protection

High Efficiency



Austen Fanavar Co. Ltd

No. 228, Somayeh St. Tehran 1599975117 Iran
(021)88944290 -1
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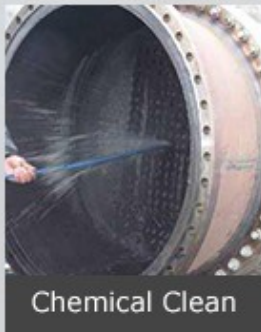
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Traditional

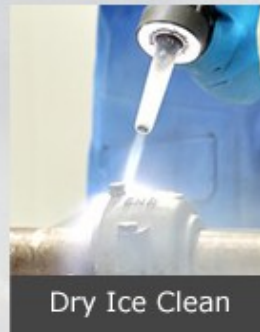
Are you still using traditional cleaning methods?



Chemical Clean



Mechanical Clean



Dry Ice Clean



Ultrasonic Clean

New Generation



Laser Cleaning Machine

High-tech and latest product of surface cleaning!

No pollution

Long lifespan

No consumables

Easy to operate

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Product Parameters



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Technical Parameter

Model	COMET 120	Laser Power	120W
Pulse Energy	1.5mJ	Laser Wavelength	Fiber Laser 1064nm
Touch Screen	7 inch	Clean Head Weight	2.5±0.1kg
Machine Weight	78±0.5kg	Optional Accessory	Hand-held / Automated
Cooling Method	Air Cooling	Scan Length	1-100mm(Customizable)
Working Temperature	5°C - 35°C	Scan Width	1-20mm(Customizable)
Storage Temperature	0°C - 60°C	Operating Humidity	10% to 80%
Machine Size	670*430*800mm	Power Consumption	1200W
Focal Length	F=160mm / F=254mm(Customizable)		
Cable Length	3.0m(Customizable, up to 5m)		
Input Power	Single-phase 220VAC ± 10%, 50-60Hz		

Certificate



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Functional Details



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Show Details

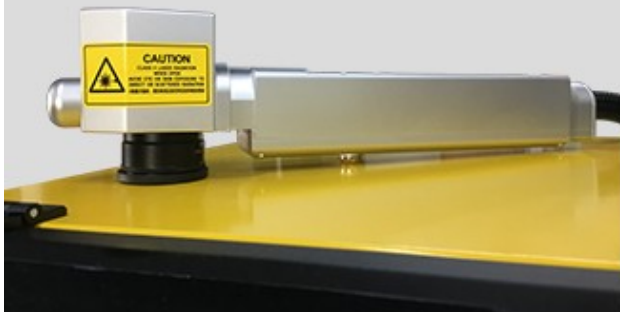
01 Industrial Style, Space Saving

According to ergonomics and processing characteristics, it meets the requirement the design for industrial placing which saved production space in different aspects and applies to different processing environment.



02 Handheld Design, Super Flexible

The aim of MRJ-Laser is to enable our machine more possibility, by using handheld clean head design, it achieves to clean different material from different angel.



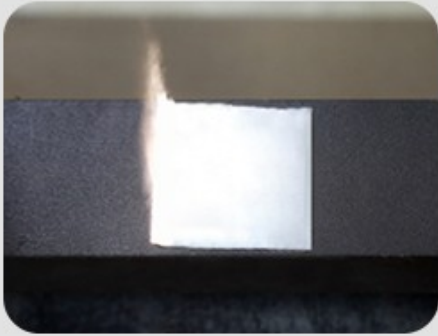
03 Stable Parts, Stable Quality

Adopt original Germany IPG laser source or best laser source JPT from China, they are the synonym of quality.



Sample Display

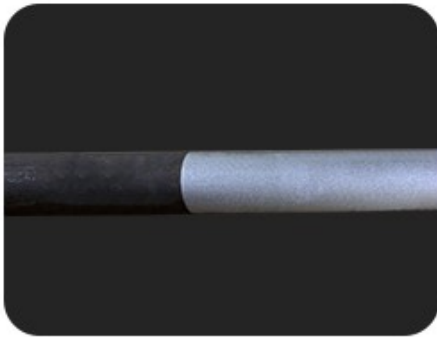
Coating



Paint



Oxide Layer



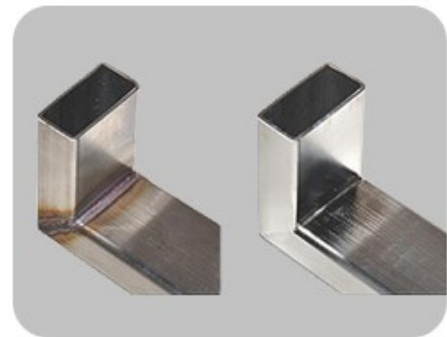
Oil Stain



Rust



Weld Seam



Stone



Rubber



5 System Characteristic

01



High-Tech non-contact cleaning

No need any chemical liquid, no consumables, safety and environmental protection.

02



Customizable personalized cleaning head

Simple structure, light weight, ergonomic design and easy to operate;

Adopted imported high-speed scanning motors from USA, small size, high precision and good stability.

03

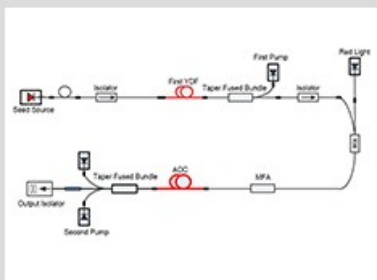


Unique self-developed cleaning software control system

Clear and concise control interface, easy to operate, all parameters can be set and adjusted base on user's demands for high performance controlling of laser and clean head;

More uniform cleaning surface, No any damage to substrate of components, realized selective cleaning of precise location and accurate size.

04



Professional laser cleaning optical design

High damage threshold of scanning mirror and F-theta lens;

Continuously long-time working more than 10 hours.

05



High cleaning efficiency and saving time

Simple structure, stable performance, maintenance-free;

Automated cleaning by hand-held or work with manipulator