

**COMET**  
LASER CLEANING MACHINES

**COMET 60**  
MAINTENANCE FREE  
FIBER LASER

# Laser Cleaning Machine

Focus on Laser Cleaning Intelligentized Customization



**Austen Fanavar Co. Ltd**

No. 228, Somayeh St. Tehran 1599975117 Iran  
(021)88944290 -1  
[www.austenco.ir](http://www.austenco.ir)

**AUSTENCO**

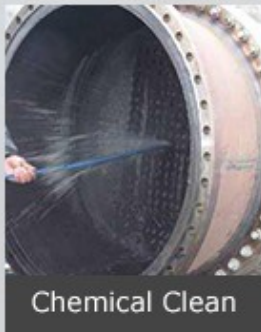
# COMET

LASER CLEANING MACHINES

**COMET 60**  
MAINTENANCE FREE  
FIBER LASER

# Traditional

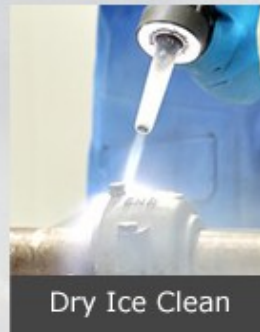
Are you still using traditional cleaning methods?



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





481 mm

715 mm

564 mm



# COMET

LASER CLEANING MACHINES

## COMET 60 MAINTENANCE FREE FIBER LASER

### — Parameters —

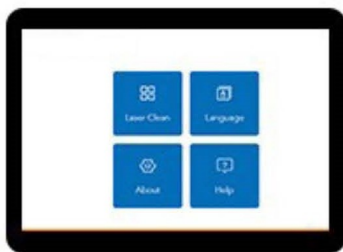
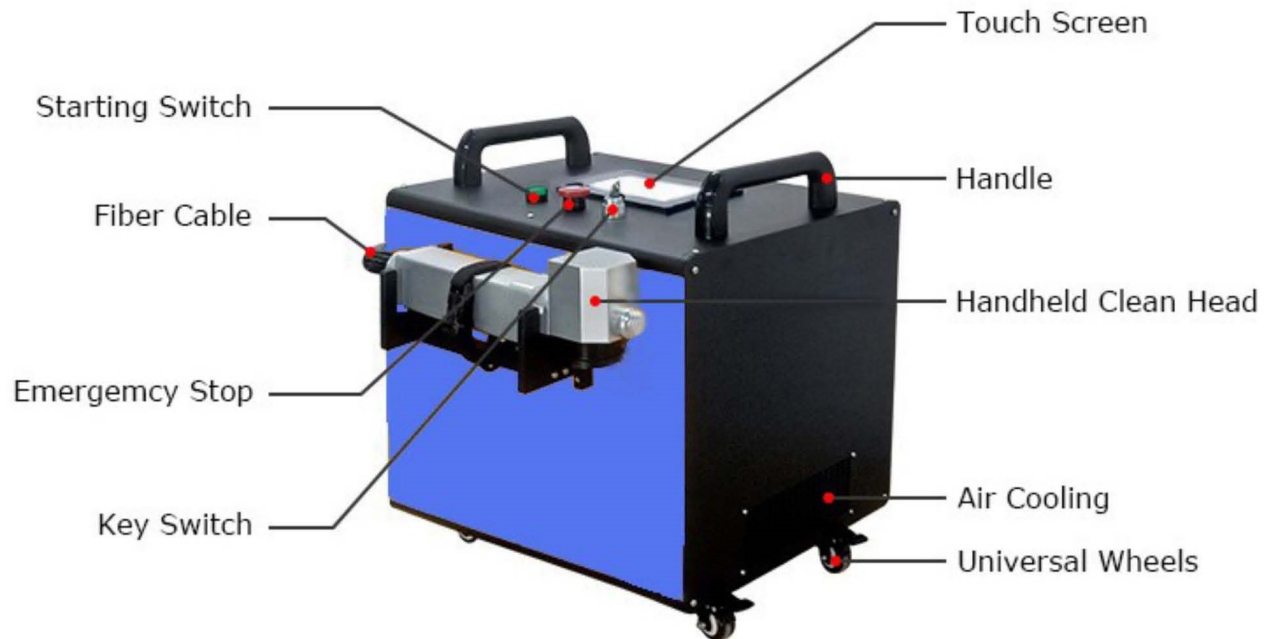
Model	MRJ-FL-C60	MRJ-FL-C120
Laser Power	60W	120W
Laser Wavelength	Fiber Laser 1064nm	
Pulse Energy	1.5mJ	
Focal Length	F=160mm / F=254mm(Customizable)	
Clean Head Weight	2.5±0.1kg	
Touch Screen	7 inch	
Cable Length	3.0m(Customizable, up to 5.0m)	
Scan Length	1-100mm(Customizable)	
Scan Width	1-20mm(Customizable)	
Working Temperature	0°C-40°C	
Storage Temperature	0°C-50°C	
Operating Humidity	10% to 80%	
Machine Weight	35±0.5kg	
Machine Size	715*481*564mm	
Cooling Method	Air Cooling	
Power Consumption	500W	1000W
Input Power	Single-phase 220VAC ± 10%, 50-60Hz	
Optional Accessory	Hand-held / Automated	



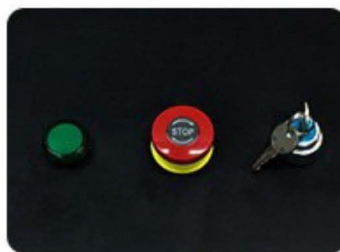
# COMET

LASER CLEANING MACHINES

## COMET 60 MAINTENANCE FREE FIBER LASER



Touch Screen



Control Button



Handheld Clean Head

**Austen Fanavar Co. Ltd**

No. 228, Somayeh St. Tehran 1599975117 Iran  
(021)88944290 -1  
[www.austenco.ir](http://www.austenco.ir)

# AUSTENCO

### Show Details

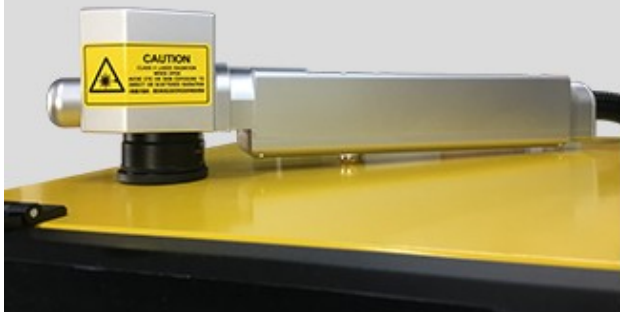
#### 01 Industrial Style, Space Saving

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

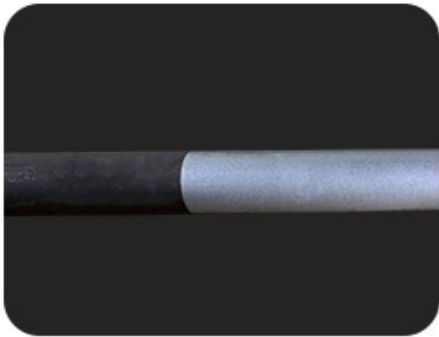
Coating



Paint



Oxide Layer



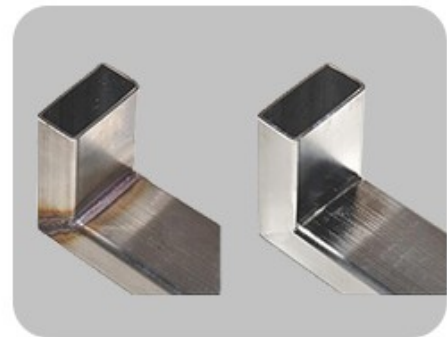
Oil Stain



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

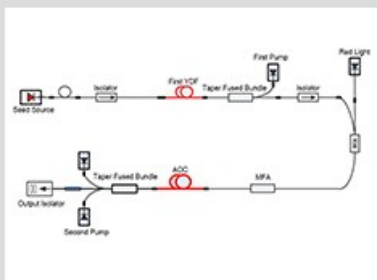


## Unique self-developed cleaning software control system

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