

# 100W~200W

Handheld Laser  
Cleaning Machine

## Laser Solutions



### Product Feature



#### High Output Power

Maximum nominal power output up to **200W**



#### Pro-Environment, No Pollution

No contact processing and no damage to the substrate material



#### Compact and Rugged Design

Higher flexibility when integrated into system



#### Easy Operation

Plug and play, designed for long time operation



#### Wide Application

Smoothly work on different types of materials even highly reflective materials



#### High Level Vertical Integration

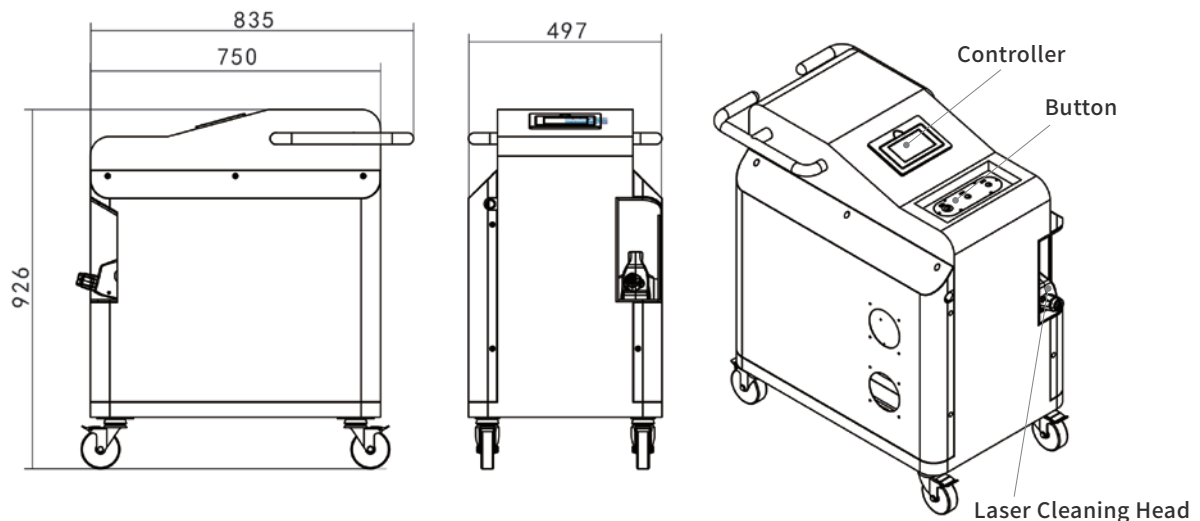
All key components are designed and produced in house  
Strict quality control, high consistency and reliability

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## Characteristic Parameters

Model	Handheld Laser Cleaning Machine					
<b>Cleaning Case</b>						
Substrate Material	Cast iron	Carbon steel	Stainless steel	Die steel gear	Aluminum	Paint without putty
Surface	Severe rust (0.08mm)	Moderate rust (0.05mm)	Greasy dirt Slight rust	Moderate greasy Iron residue	Oxide Dirty surface	White Plain paint (0.1mm)
Effective DOF(mm)	10					
Normal Speed (mm <sup>2</sup> /s)	1800	1800	1800	1800	1500	2000
Standard Speed (mm <sup>2</sup> /s)	2200	2000	2200	1800	1800	2200
High Speed (mm <sup>2</sup> /s)	3500	2500	3000	2500	2200	3000
Effect	Surface cleaned without harming the substrate material					
	The above data is for reference only, practical data will vary based on the complexity of the application.					
<b>OPTICAL SPECIFICATIONS</b>						
Nominal Power	100W			200W		
Power Tunability	5 to 100 %					
Wavelength	1064 ± 5 nm					
Pulse Duration	80~160 ns					
Power Stability	±2 %					
<b>ELECTRICAL RATINGS</b>						
Supply Voltage	220 VAC					
Current Consumption	5 ± 1 A					
Power Consumption	100W: 400 ±20 W (AC110V or 220V) 200W: 800 ±20 W (AC110V or 220V)					
<b>OTHER SPECIFICATIONS</b>						
Operating Temperature	0 to +40 °C					
Storage Temperature	-10 to +60 °C					
Humidity	10 to 96 %					
Cooling Method	Air Cooling					
Warm up Time	10s (Start operation after the alarm sound)					
	3min (Completely stable)					
Dimension	835×500×925 mm					
Weight	87kg			93kg		

## Mechanical Specifications (mm)



**Maxphotonics Co.,Ltd.**

Address: Maxphotonics Industrial Park, 3rd Furong Road,  
Furong Industrial Area, Shajing, Bao'an, Shenzhen, China.518125  
E-Mail: sales@maxphotonics.com <http://en.maxphotonics.com>

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