MEGMEET
WELDING TECHNOLOGY

LUX Handheld Laser Cleaning Machine

1.5KW/2KW/3KW

Product Features

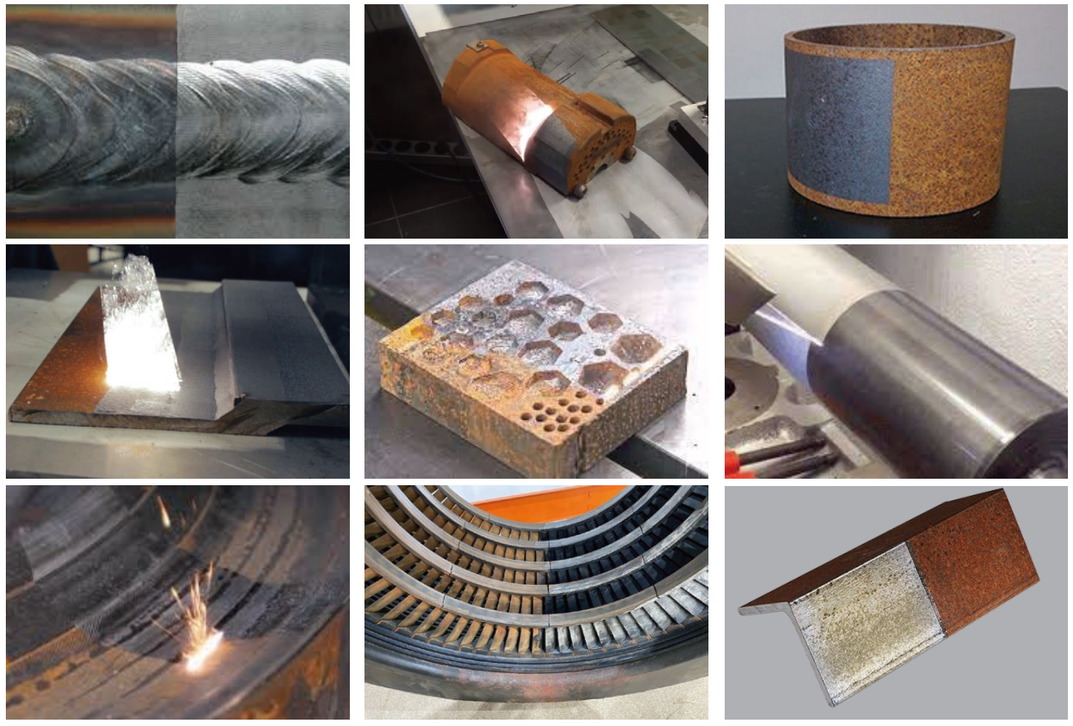
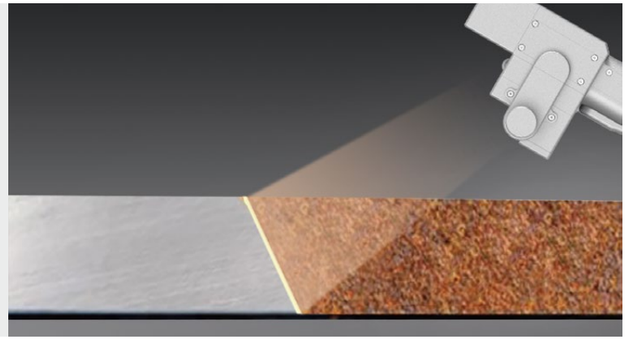
- Industrial-grade laser electronic control and light control solution ensures stable laser power output and small power fluctuation;
- Stable and reliable handheld laser cleaning system solution, closer to user needs;
- Professional dual-temperature & dual-control water cooling system to ensure long-term cleaning;
- Professional cleaning system with cleaning head, suitable for non-contact cleaning and none damage to base materials, zero consumables and pollution;
- Simple operation, quick start even zero basis , 800mm focal length, easy to hold the torch for cleaning;
- High cleaning efficiency with cleaning width 300mm, and cleaning rate of floating rust 20m2/hour;
- Not limited by material shape, cleaning work surface could be 0 angles, achieving zero dead-angle cleaning;
- Multiple insurance and guard safety. Safety lock and trigger dual control enables guarding user safety;
- Simple and portable, larger protective lens, easy to replace, better protection effect;
- Wide range of applications: rust removal, paint removal, oil removal, metal surface oxide layer, plating, attachment cleaning.

Product Specification

Item	MEGMEET LUX Handheld Laser Cleaning Machine		
Product Specification	LUX-1500C	LUX-2000C	LUX-3000C
Cleaning material	Floating rust, paint, rust		
Rated input voltage(AC)	1-phase 220V 50/60Hz	1-phase 220V 50/60Hz	3-phase 380V 50/60Hz
Rated input power	6kW	8kW	13kW
Rated output laser power	1.5kW	2kW	3kW
Rated output laser wavelength	1080±10nm		
Cable length	Standard 10m/can be extended to 20m		
Cooling method	Dual temperature &dual control industrial constant temperature		
Working temperature range	-10°C~40°C		
Working humidity range （Tc=40°C）	<70°C without condensation		
Cleaning distance	65~75cm(F800 focus)	65~75cm(F800 focus)	75~80cm(F800 focus)
Cleaning width	0~300mm(F800 focus)		
Protective gas	Argon, nitrogen, compressed gas above Level-3		
Protective gas pressure	Maximum 15Bar		
Dimensions (L×W×H)	915×790×540mm	915×790×540mm	1215×530×860mm
Weight	≦90kg	≦90kg	≦160kg

Various Applications

- Metal rust and paint treatment (such as rust and paint removal in the manufacturing and maintenance of ships, vehicles, machinery, etc.) ;
- Oil stain and attachment cleaning (such as molds, kitchen utensils, precision parts, and metal surface cleaning in narrow spaces).



Non-contact Cleaning