

500W Pulsed Laser Cleaning Machine

Product Introduction

Laser Cleaning Machine Parameter

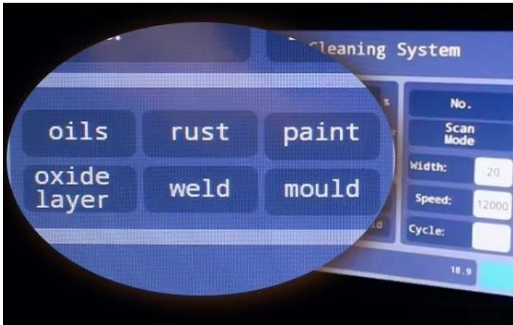
Model	HTCM 500
Laser Power	500 W
Voltage	110V /220v 50/60HZ
Laser source brand	JPT
Power adjustment range (%)	0~ 100%
Fiber cable length	10 m
Maximum pulse energy	5 mj
Laser wavelength	1064nm
Operating mode	Handheld
Cooling system	Air cooling
Scanning width	0-140mm
Machine packaging dimensions and weight	760*720*700mm 79KG

HANTEN CNC



HANTENCNC Machine Spare Parts

Laser head		The cleaning machine's gun head is equipped with an operation screen, which can adjust the parameters at any time. You don't need to go to the front of the machine, saving time. The machine gun head has a distance measurement function, which is not only convenient for better cleaning, but also a safety protection for people around.
Control Panel		Laser system control button Laser source button
Laser source		Laser source:JPT
Accessories		

cleaning Mode		12 type cleaning mode You can switch these modes by clicking on the “Scanning Mode” option on the interface. Some cleaning modes are gentler, suitable for materials with higher surface requirements, and can reduce or eliminate traces after cleaning. Some cleaning modes are more powerful and ideal for removing stubborn dirt or coatings.
6 basic material cleaning parameters		6 basic material cleaning parameters The system has 6 basic material cleaning parameters, which saves you a lot of cleaning test time. You can also store your commonly used parameters in the system, and you can use them when you turn on the machine to save you test time
Anti-bumping High Load Bearing Strong Stability		This equipped with dual swivel wheels, which can effectively reduce vibrations, ensuring safety and stability during operation. The dual-wheel design minimizes the turning radius. This allows for easy movement in tight spaces. Also, 4 dual-swivel wheels can bear the weight of the machine and adapt to long-term bumpy transportation. It is designed to adapt to uneven or rough ground for stable movement.
Focal Distance Display		500W laser cleaning gun equips a digital focal distance display. The focal distance display shows the real-time distance from the laser head to the focal point.

Emergency Stop button



500W laser cleaning gun equips an emergency stop button.

The emergency stop button on the HANTENCNC 500W laser cleaning gun is a critical safety feature that immediately halts all operations in the event of a perceived hazard or emergency.

This feature is a fundamental safety standard in industrial machinery.

Supports 16 Different Languages

Chinese	English	Traditional Chinese	Croatian	Japanese
中文	English	中文繁体	hrvatski	日本語
Spanish	German	Korean	French	Polish
Espanol	Deutsch	한국어	En français	Polski
Hungarian	Italian	Finnish	Swedish	Czech / Estonia
Magyar nyelv	Italiano	Suomi	Sverige	Čeština
				Eesti

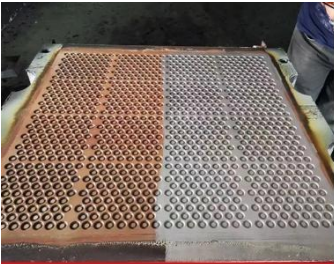
Supports 16 Different Languages

supports Chinese, Traditional Chinese, English, Croatian, Japanese, Spanish, German, Korean, French, Polish and 16 other languages.

You can switch these languages directly on the machine's interface.

We also provide customized language services if you require any other languages

Laser Cleaning Materials



Rust Removal



Oxide Layer Removal



Paint Removal



Oil Cleaning



Residue Removal



Fire Damage Restoration



Graffiti Removal



Contaminant Removal

Laser Cleaning Application Industry



Aerospace Industry



Automotive Repair



Industrial Rust Removal



Community Maintenance



Cultural Heritage Restoration



Furniture Renovation