

PTS SUPREME LASER CLEANING MACHINE

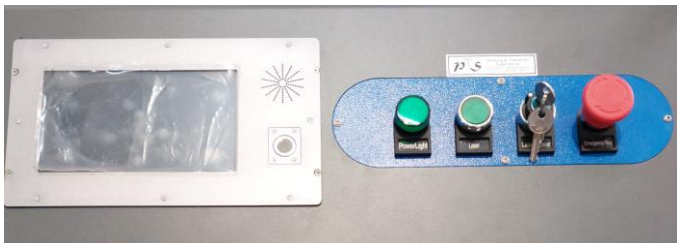
1500W

Application:

PTS Supreme laser cleaning equipment is a new generation of surface cleaning high-tech products. It is very easy to install, manipulate and achieve automate. Easy operation, you only turn on the power and open the device, machine will be cleaned with no chemical reagents, no media, no dust and no water. With the advantage of manual adjustment of the focus, fit curved surface cleaning, good surface cleanliness and so on. Laser cleaning machine can clean the resin of subject surface, oil stains, stains, dirt, rust, coating, paint, etc.

Machine Advantages:

1. Non-contact cleaning, does not damage the part substrate.
2. Precise cleaning for precise positioning and precise size selection.
3. Without any chemical cleaning solution, no supplies, safety and protect environment.
4. Simple operation, turn on the power, you can achieve automated cleaning by hand-held or with a robot.
5. High cleaning efficiency, saving time.
6. Laser cleaning system is stable, almost no maintenance.



Main Parameters:

Content	Parameter
Laser power	1500W JPT laser source
Output power	10%-100% optional
Cleaning head weight	2Kg
Fiber length	5m
Scanning width	10-80mm
Focus spot diameter	0.08mm
Center wavelength	1064nm
Focal length	160mm
Auto focus	Yes
Move way	Hand pushing
cooling model	Air-cooled
Working temperature	0°C ~ 40°C
Work environment humidity	≤80%
Set the environment	Flat, no vibration, no impact

Work Efficiency

Material	Surface	Effective depth of focus(mm)	1000W cleaning efficiency(m ² /h)	Effect
Cast iron	Severe corrosion (0.08mm thickness)	>35	18-30	The surface is clean and does not damage the parent metal.
Carbon steel plate	Moderate corrosion (0.05 thickness)	>40	15-24	The surface is clean and does not damage the parent metal.
stainless steel plate	Oil stains on the surface,slight rust	>50	18-30	The surface is clean and does not damage the parent metal.
Die steel gear	Moderate oil stain with iron filings	>45	14-23	The surface is clean and does not damage the parent metal.
Aluminum plate	Oxide/surface fouling	>35	12-20	The surface is clean and does not damage the parent metal.
No putty layer	White essence baking varnish (0.1mm thick)	>20	18-30	The surface is clean and does not damage the parent metal.