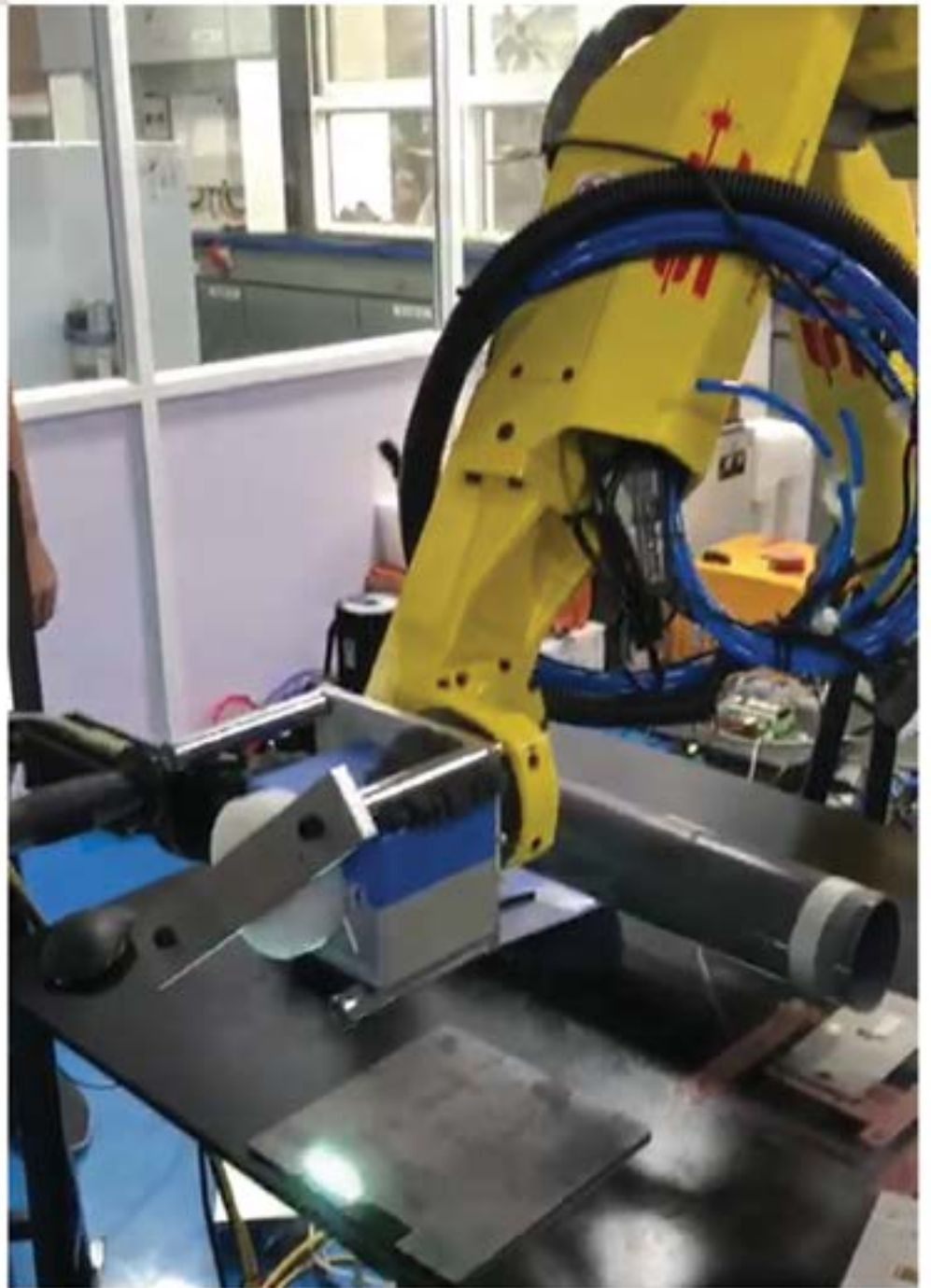


Our Cleaning Solutions

LASER CLEANING MACHINE.



Robotic Laser Cleaning Machine:



Features:

Laser cleaning machine is used for de-rusting of metal and restoring the metal to obtain same physical and chemical behaviour of the metallic elements. Laser Power from 20W to 1 kW based on materials and applications.

Laser cleaning system removes the contaminated layers of the metal through exposing it to a focused laser beam.

Materials mostly used for laser cleaning are Aluminium (Anodised/Polished/Cast), Stainless Steel/ Mild Steel, Titanium, Copper, Brass, Nickel, Galvanised Metals, Multi-Coated Materials, Painted Metal Alloys, Plastics, Polypropylene/Poly-carbonate, Cast Iron and Chrome, Chrome, Carbide, Rubber and PVC.

Cleaning Head is portable and it operates with precise deflection and position of the laser beam. The head provides good stability with pressurised water cooling to the optics and dust proof.

By using 6 Axis Robotic Arm, we can clean any material with curved surfaces and with the help of rotary, we can clean tube structures also.

Hand Held Laser Cleaning Machine:



Specifications:

- As per the material and depth of surface cleaning, laser power will be selected. We provide 20 W to 1kW Laser power.
- Motor; 1/2 HP, 1 Phase, 120 V (up to 3 HP for higher CFM and more powerful lasers).
- Electrical Requirements: 120 Volt 8 amps.
- Water cooling and air cooling.
- Laser power depending on the thickness of the material to de-rust.
- Mode of operation is either CW or Pulsed Q-Switched.
- Wafer length: 1064 nm.

Cleaning Process:



OUR GLOBAL REACH

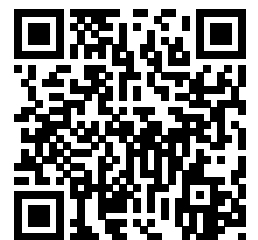


OUR PRODUCT RANGE:

Laser Metal Cutting Machine, Robotic Laser Metal Cutting & Welding Machine, Laser Metal Tube Cutting Machine, Laser Precision Cutting Machine, Laser Welding Machine, Laser Cleaning Machine, Laser Cladding Machine, Laser Marking Machine, Laser Engraving Machine, CNC Router Machine.

CORPORATE OFFICE

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