



# KLEAN 6000

**World's 1st High  
Powered Laser Cleaning**

**Laser Cleaning Machine**

- Intelligent High Speed Cleaning

PurePrecision – Made in India with Global Standards

Now with RDWelder Mobile App Control

**KEVRON™**



# Innovation in the Cleaning System

The KLEAN-6000 exceeds the performance over the KLEAN-3000 platform with higher power for faster cleaning and superior surface preparation. Designed for heavy duty rust and paint removal, it delivers maximum efficiency with precision results over the previous model



## RELFAR Cleaning Head

Intelligent High Speed Laser Cleaning Head, built for long continuous operations.



## Intelligent Cooling with Smart Protection

Smart cooling ensures stable, safe, long-duration industrial operation.



## Largest Scanning Range

Scan Range from 200mm-500mm , Scan Speed of 40000mm/s



## RDWelder App

Mobile app for real-time monitoring and wireless control



# RDWelder: Monitor & Control from your Mobile

## Real-Time Monitoring

Live temperature, power levels, pulse waveform visualization, and coolant flow readings at your fingertips

## Wireless Parameter Adjustment

Remotely fine-tune power, frequency, and pulse width without interrupting workflow

## Material Recipe Management

Cloud-synced material profiles with automatic backup and multi-device access

## Predictive Maintenance

Advanced diagnostics alert you to potential issues before they impact production

## Platform Scalability

Available on Android and iOS

## Secure & Future-Ready

OTA firmware updates and QR-based pairing ensure security and longevity



# Features of KLEAN-6000



## Eco-Friendly Cleaning

Chemical-free process with minimal waste and zero pollution.



## Advanced Safety Protection

Dual-trigger safety system for secure industrial operation.



## Low Operating Costs

Energy-efficient cleaning with no consumable expenses.



## Cleaning Outputs

- 120 m<sup>2</sup>/h rust ( Rust thickness  $\leq 50\mu\text{m}$ )
- 80 m<sup>2</sup>/h oxide Layer (Oxide thickness 200 $\mu\text{m}$ )
- 80 m<sup>2</sup>/h paint (Paint thickness 200 $\mu\text{m}$ )



# Technical Specifications

Parameter	Specification
Laser Source	MAXPHOTONICS Fiber Laser Source
Rated Power	6000W
Focus Distance	1500mm
Collimating Focal Length	75mm
Wavelength Scope	1070±20nm
Auxilliary Air Pressure	0.5 - 0.6 Mpa
Cable Length	10m
Scanning Speed	40000mm/s
Scanning Type	—
Cooling System	TEYU S&A Industrial Water Chiller
Control System	Relfar-(V4) RuiDa, 10" Touchscreen Display
IoT Connectivity	RDWelder Mobile App, WiFi, OTA firmware updates
Live Monitoring Parameters	Temperature, Flow, Pulse Graph, Power Output
Power Input	25kW (380V AC), 50Hz
Supported Materials	Stainless Steel, Mild Steel, Aluminium, Copper, Brass, Titanium, Galvanized Steel
Machine Weight	250kg (approx)





### **POWERFUL & EFFICIENT**

High-energy laser for fast rust, paint, and coating removal.



### **PRECISE & CONTROLLED**

Advanced optics and ergonomic design for accurate, damage-free cleaning.



### **SAFE & NON-CONTACT**

Non-abrasive, non-chemical process ensures a safe and environmentally friendly operation.

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# The KEVRON Promise

When you choose KEVRON, you aren't just purchasing a machine — you are investing in precision, reliability, and a long-term technology partner.

Let's build the future of manufacturing.

## **CNC KEVRON PVT. LTD.**

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