



CleanTech™ Titan FX

CleanTech™ TITAN

LARGE FORMAT LASER SURFACE PREPERATION AND CLEANING SYSTEM



System Description:

The **CleanTech** Titan Series Laser Cleaning System is a high power, large format laser parts cleaning, rust removal, and surface conditioning system with up to 6' x 12' working envelope. The industrial, turn-key laser cleaning system operates as a stand alone unit or easily integrated into a production line environment.

The large format allows for applications such as cleaning automotive tire rims, mold cleaning, phalanges for the oil and gas industry, or even sheets for a hull. CleanTech laser systems offer a non-abrasive cleaning system that is safer, easier, and more eco-friendly than traditional methods of surface cleaning. Incorporating proprietary **Flexion Technology** allows the CleanTech systems to clean materials more quickly and more fully than other systems on the market.

Some of the features and benefits of the CleanTech Titan include a direct drive motion system, high power low energy fiber laser, and industrial-grade reliability with a **MTBF** of 100,000 hours.

Included in the CleanTech product line are the CleanTech Titan Express, **CleanTech Megacenter**, and the portable **CleanTech Handheld** which is useful in the field or on the factory floor. Made in the USA, the CleanTech Systems operate with full compliance to **OSHA**, **FDA**, **CDRH** conforming to "Push a Button" laser safety industrial operation. The CleanTech Systems offer CE Certified Class 1 enclosure for the Class 4 lasers. Additionally, CleanTech has an integrated dust and residue collection system and can allow for a 3D scanner option to clean parts with complicated shapes.

We Offer Our Customers...

- Factory and on-site operator training
- Advanced customer training
- Designated customer service engineers
- Optimal system configuration
- Inbound Customer Support
- Advanced application support
- Notifications of System Upgrades
- Remote diagnostics capability
- Direct Technical Support
- Engineers log in for testing/troubleshooting

Features

Specifications

Options

Applications

Diagrams

Downloads

3D Models

Videos

Auxiliary Equipment

Pictures

- Designed for Continuous Performance Under High-Shock, Vibration and Dust Conditions
- Motorized Single shuttle material handling system
- Easily Reconfigured for Direct Installation into a Production Line Environment
- Designed for Maintenance-Free Laser Surface Cleaning and Conditioning
- Standard Wall Plug Operation with High Electrical Efficiency
- Ultra-Low Power Consumption for its Class
- Latest generation 1064nm fiber laser up to 150 mj of energy per pulse
- Up to 6' x 12' Cleaning Coverage for Various Flat and Over Sized Parts
- Software Controlled X-Y Orthogonality
- Lowest Operating Cost Among All Laser Types
- Exhaust Outlet for Fume Extractor
- Fully Enclosed Certified Class 1 Safety System
- PC based controller, Touchscreen Monitor, Mouse and Keyboard
- Inert Gas Handling and Selection System (up to 3 Types of Gas) for High
- Quality Surface Conditioning and Treatment.
- Industrial-grade reliability: 100,000 hours MTBF

Interested In Financing Options?

[See More Financing Options](#)

NEED A LASER? LET US HELP!
SUBMIT YOUR PROJECT REQUIREMENTS.

How did you hear about us? (required)

First Name (required)

Last Name (required)

Your Email (required)

Your Company (required)

Phone Number (required)

Are You Interested in the Direct Lender Financing Program?

Yes No

Are You Interested in Sending Us Your Sample Material?

Yes No

What Type of Laser Are You Interested In? (required)

Laser Cleaning Laser Cutting Laser Engraving 3D Metal Printing

Your Message

Submit your questions or tell us about your project here

Preferred Method of Contact

