The Titan Express fiber laser cutting system offers high speed, precision cutting that fits in your facility as well as your budget. Titan Express has all the technology of our legendary Titan Series with ⅓ of the space required. Using Direct Drive, Turbo Piercing and CNC G-Code controls, the Titan Express can produce the fastest, most intricate designs with superior edge finish over traditional methods. Laser Photonics and the Titan Express provide the cutting edge technology of the future and the competitive edge you need – today!
The **TiTAN Express** is a small footprint fiber laser cutting system built from the same cutting edge technology as the Titan Series. This system is equipped with a high-power, energy-efficient fiber laser and an advanced direct drive motion control platform for speed, precision and cost savings for the small to mid sized manufacturer.

**Standard Features**
- Titan Type of Fiber Laser is 1/3 Operating Cost vs Fiber Laser
- Most Compact Industrial Grade System in Its Class 7’ x 7’
- 5x less power consumption than the CO2 laser competition
- Ideal for cutting Highly Reflective Materials
- Advanced Motion System - Direct Drive is Unique for this Size
- Same quality cutting in every spot of a cutting table
- Cutting Readily Performed by CNC Operator Full G-Code Control
- Easy & Safe To Operate
- Fastest Cutting Speeds
- Easy Loading & Unloading of Materials
- Easy Installation and Quick Start Up
- Low Energy Costs for Green Manufacturing
- No Laser Maintenance or Training Required
- Pass through for integration into a production line
- Increases Throughput from Concept to Production
- Made and Supported in the USA

**Applications & Materials**
*(Ideal applications are highly reflective metals & materials)*
- Cutting
- High-speed sheet metal cutting
- Automotive frames cutting
- Coated & Plated Metals
- Anodized Aluminum
- Opaque Plastics
- Medical devices
- Laser sintering
- Silicon cutting
- Stainless Steel
- Blank cutting
- Aircraft Skins
- Plate cutting
- Alloy Metals
- Composites
- Aluminum
- Mild Steel
- Titanium
- Graphite
- Copper
- And More

**Options**
- Autofocus: Precision Cutting and Crash Protection
- Vision System
- Fiber Coupler
- Material Quick Release Holding Clamps
- External Exhaust/Fume Extraction System
- Recirculation Water Chiller

Training, commissioning, extended warranties and custom size options are available upon request. (cost may vary)

**Safety Considerations During Operation**
1064 nm wavelength laser light emitted from this laser system is invisible and may be harmful to the human eye. Proper laser safety eyewear must be worn during operation.

**21 CFR 1040.10 Compliance**
This product is a Class I laser as designated by the CDRH and MEETS the full requirements for a stand-alone laser system as defined by 21 CFR 1040.10 under the Radiation Control for Health and Safety Act of 1968. As an added level of security, a redundantly switched safety interlock system helps prevent accidental exposure to excess laser radiation. Plus, the system is equipped with an electrical power manual reset, a key-locked laser power switch and a remote interlock connector. All these features, in combination, constitute the laser radiation safety system, which allows the equipment to be used in a safe and secure manner.

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