



Laser Photonics Corporation Introduces Innovative Titan Express Mid-Size Laser Cutting Machine

ORLANDO, FLORIDA, UNITED STATES, July 12, 2018 /EINPresswire.com/ -- The innovative Titan Express, a mid-size laser [cutting machine](#) from Laser Photonics, combines a small footprint and high performance with the cut quality of a full-size industrial [laser cutter](#). This laser cutting machine is powerful and reliable, integrating cutting edge motion engineering, CNC control, and fiber laser technologies in a size that will fit any facility and budget. It is equipped with a high-powered, energy-efficient fiber laser and an advanced direct drive motion control platform, making it the best machine for cutting highly reflective materials, including stainless steel, aluminum, brass, and copper.



The Titan Express has a lightweight design and the fastest cutting speed on the market. This system consumes less than 20% of the power required by conventional [CO2 laser](#) systems and has one-third of the operating costs of other laser machines. The Titan Express's fully software-controlled geometry alignment eliminates the need for special installation requirements and requires no optical system alignment, laser service or laser replacement parts, making this system virtually maintenance-free.

The performance advantage of this laser cutting system is Direct Drive Motion System (DDMS) technology, a maintenance-free magnetic-based motion platform that is superior to any other mechanical motion system simply because it is an order of magnitude lower in resistance. All other competing technologies require larger, high power consumption motors to offset higher-resistant motion systems that need routine replacement of parts due to continuous friction-based wear and tear. Another significant technology advantage is the use of fully-sealed encoders that permanently eliminate conditions for laser placement errors and material jamming accidents associated with optical encoders that occasionally break or lose location accuracy due to accumulated debris obscuring the optical location functionality.

These laser cutting systems are equipped with native CNC G-Code Controls and can be operated by any trained machinist. They are geared toward companies involved in sheet metal fabrication and equipment manufacturing, as well as companies that produce construction equipment, aluminum vehicles, kitchenware, copper and brass gaskets, food processing equipment, and materials used in the aerospace and defense industries.

Laser Photonics is the industry leader in developing high-tech Fiber, UltraFast, UV, CO2 and Green laser systems, specializing in advanced and innovative processes and technologies. The company is a one-stop shop, supplying laser machines, automation, and software, as well as exceptional customer service. All systems are made in the USA, and warranties and financing programs are available. For more information about Laser Photonics' Titan Express Series, visit www.laserphotonics.com or call (407) 804-1000.

Dianne Carlisle
Laser Photonics Corporation
407-804-1000
email us here

This press release can be viewed online at: <http://www.einpresswire.com>

Disclaimer: If you have any questions regarding information in this press release please contact the company listed in the press release. Please do not contact EIN Presswire. We will be unable to assist you with your inquiry. EIN Presswire disclaims any content contained in these releases.

© 1995-2018 IPD Group, Inc. All Right Reserved.