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Press Release



Food Processing Equipment Manufacturers Cutting Production Steps with Fiber Laser Systems

As demand increases in the food processing machinery industry, so does the need to use technology to find more efficient ways to manufacture the processing machines. Most of the equipment for the food processing machinery industry is made from thin stainless steel which is cut and then processed. Some examples of these machines are drum mixers, industrial filters, slicers, food crushers and much more. There are two main challenges for these manufacturers, cutting speed and post processing.

Cutting Speed

Due to the high demand for these products the production facilities need to run 24 hours a day. Therefore, cycle time is a very important factor. Laser Photonics, a leader in industrial laser cutting equipment, has created the solution to this dilemma with its new [high power fiber laser cutting machine, the Titan FLS 48](#). This machine is designed with the quick cutting of metals such as stainless steel, aluminum, mild steel and most other highly reflective metals. With the fastest cutting speed when compared to current machines, the Titan FLS 48 is able to increase these plants production speed while performing around the clock. This solves a major challenge for these manufacturers and allows them to grow with their customers and helps them keep up with demand.

TITAN Series



Post Processing

The post processing stage is a completely separate process from the initial cutting. The post processing ensures all of the edges of the products are clean and safe for everyday use. When the stainless steel has been cut in the past, it was very difficult to guarantee the edges were completely smooth. This is extremely important especially in this industry because jagged edges, no matter how small, will accumulate bacteria, dust and other harmful materials that are dangerous when working with any type of food processing. The solution to this problem is also fiber laser technology. The Titan FLS 48 uses these high power lasers which make such a precise and clean cut that the edges do not need this post processing stage thereby speeding up production time for these manufacturers and improving their bottom line. Because only one laser machine is needed to complete these two processing stages at one time, it frees up more space in warehouses and uses less energy, helping manufacturers with their efforts to become more environmentally friendly.



This is just one way [fiber laser technology](#) changing production lines around the globe. Within the next decade, most food processing machinery manufacturers and food processing companies will be implementing different laser machines to improve their cutting and marking of their products

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Benefits of Laser Systems

- 1. Increases production Throughput
- 2. Unmatched Cutting and Marking Quality
- 3. Eliminates Post Processing Methods
- 4. Virtually No Maintenance
- 5. Compact Systems (Takes up little floor space)

Benefits of Laser Photonics

- 1. Highest Quality Systems in the Industry
- 2. Ship Standard Products within 48 Hours
- 3. Leaders in Fiber Laser Technology
- 4. Manufactured in the U.S.A.
- 5. Inventory Reduction Pricing!

Laser Photonics equipment produces the quality at the speed for the right price. Visit www.laserphotonics.com and find your [application](#) and how our [products](#) can benefit your bottom line.

To visit our laser cutting Video library click www.laserphotonics.com/videos. For an information package on the Titan, please call (407) 829-2613.

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