

Fiber laser processing machine OPTIPLEX 3015 FIBER II with advanced MAZATROL PREVIEW 3 CNC

Yamazaki Mazak Corporation (President: Tomohisa Yamazaki, Address: Oguchi-cho, Niwa-gun, Aichi-pref) has announced the fiber laser processing machine OPTIPLEX 3015 FIBER II with new MAZATROL PREVIEW 3 CNC.

This machine equipped with a fiber laser oscillator which performs high cutting efficiency when compared to a CO₂ laser and also allows high-speed cutting of thin worksheets to reduce running cost. With the MAZATROL PREVIEW 3, the machine ensures high performance with the rapid traverse rate of for the X and Y-axes of 120m/min. Productivity of thin stainless worksheet cutting is increased more than 30% thanks to the high quality beam of the fiber laser. Additionally, the machine performs stable cutting of reflective materials such as copper, brass and aluminum which are not easily cut by conventional CO₂ laser processing machines.

The advanced CNC system MAZATROL PREVIEW 3 CNC is equipped with a state of the art CPU for unsurpassed operation speed. The CPU reduces cutting time by improved responsiveness of laser oscillation and the acceleration/deceleration control. Productivity is increased 10% when compared to a conventional CO₂ laser processing machine.

The OPTIPLEX 3015 FIBER II eliminates the laser gas used in conventional laser processing machines as well as the gas for purging optical components. Electrical power consumption is decreased 42% (4kW) compared to a conventional CO₂ laser processing machine (4kW) for ease of maintenance, low running cost and environmental considerations.



Fiber laser processing machine OPTIPLEX 3015 FIBER II

Contact: Sales Administration Dept, Corporate communications / promotion, YAMAZAKI MAZAK CORPORATION.

TEL : 0587-95-1144 <http://english.mazak.jp/>

Information in this press release is current at the time of publication.

This information is subject to change without notice.