

8kW high output Fiber Laser “OPTIPLEX FIBER III (8kW)” series

Yamazaki Mazak has introduced the “OPTIPLEX FIBER III(8kW)” fiber laser cutting machine series equipped with an 8kW high output oscillator with improved its cutting capabilities.

The OPTIPLEX FIBER III (8kW) series realize unsurpassed productivity regardless of material and thickness in comparison with existing models thanks to the 8kW high output laser and the higher machine acceleration. Additionally, the machine performs superior cutting for thicker mild steel worksheets when using nitrogen as the assist gas.

The new MAZATROL PreviewG CNC delivers unsurpassed ease of operation for conversational programming thanks to the large 19” touch screen. The OPTIPLEX FIBER III series is also designed for high quality cutting and setup time reduction. This is realized by many innovative features – including the optimum control of laser by the “Multi-control torch”, the variety of “Intelligent Functions”, “Cutting condition data management over a network” which offers convenient sharing of improved cutting conditions with other machines and easy program call-up at the machine CNC by the “QR code reader”

The OPTIPLEX FIBER III series can be integrated with a variety of automation systems/equipment for convenient system expansion - not only with Mazak FMS such as the EXTENSIBLE MANUFACTURING CELL or the QUICK CELL 3015, but also other manufacturers’ systems by the open robot interface, in order to meet increased production requirements after the initial machine installation.

Domestic and overseas sales of this new machine will start when it will be displayed during the “MAZAK Laser Technology Fair” event to be held at the Minokamo World Technology Center on Sep. 5th and 6th.



Fiber laser cutting machine “OPTIPLEX FIBER III (8kW)” series

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