



PRESS INFORMATION

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Booth E5019

ONA EDM Announces Availability of New QX4C Electrical Discharge Machine

A new addition to the wire and sinker lines of ONA EDM Machines is the QX4C Electrical Discharge Machine. For use in industries that need very fine surface finishing (VD1=0), the product consists of the Machine Tool, the Microfine Generator, the Dielectric Filtration System and the CNC Control Unit. In addition, also standard on the machines are a fire-warning device, pendant controller, lamp and flushing nozzles.

Optional equipment includes both a 5-position 20 and 40-position automatic tool changer, and pressurized glass scales that incorporate an internal air flow system to prevent the entry of dust particles. This helps maintain the scales for a longer period of time and leads to more precise work. Additional filtration and generator options are also available as is security pack software for both the normal and advanced user and plant monitor software for remote control. Both 1 and 2 axes Rotary Tables and Rotating Spindles can be added to the base unit with quick in the field installation.

The QX4C Series was produced with Digital Sinker EDM process technology to increase machine productivity for both existing and new applications. The

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new Generator works with advanced materials such as titanium-based alloys, ceramic hard metals, moldmax and others. This system decreases electrode wear and can be used for high aspect ratio cavities in aero-energy materials and the mold industry.

Application oriented and very flexible, the new All-Digital T-Rex Generator allows for quick technical development for specialized applications. The T-Rex Generator was designed with the Aero/Energy and Medical markets in mind.

When comparing the QX4C machines to the NX product line, there are a number of benefits to the user. Improved applications include: Ribs where productivity is increased from 23% to 50% over past technologies, with reduction in electrode wear to 500%, depending on the application. Productivity in finish machining increases productivity up to 60%, with improved surface finishing. Micromachining increases productivity for roughing to 30% and finishing to 50%. For close corners the minimum radius in the inner circle is 5um, compared to 15um in the NX series.

Manufactured in Spain, ONA machines are certified by ISO9001 and ISO1400 standards and comply with EC electromagnetic compatibility and safety standards.

ONA EDM USA, Inc. is a subsidiary of ONA ELECTROEROSION, headquartered in Durango, Spain. It is the oldest EDM machine manufacturer in the world and a leader in large and customized machines. ONA EDM USA,

Inc., is responsible for sales, service and technical support for all of North America. For additional information about the QX4C or other ONA products and services access the ONA website or contact US Headquarters:

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