



CLEANING TECHNOLOGIES GROUP

RANSOHOFF • BLACKSTONE-NEY ULTRASONICS • CTG ASIA

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FOR IMMEDIATE RELEASE:

BLACKSTONE-NEY ULTRASONICS INTRODUCES NEW CLEANING SOLUTIONS AT SEMICON WEST 2018.

June 2018 – Cincinnati, OH

Blackstone-NEY Ultrasonics, is a recognized leader in ultrasonic technology, will introduce a host of advanced cleaning solutions at the Semicon West 2018 in San Francisco, California July 10 - 12, 2018. Visitors to Blackstone-NEY Ultrasonics Booth 2209 will be introduced to a number of new products, technologies and services. Among the new technologies exhibited at the show will be:

- **Multi-Frequency Ultrasonic Cleaning System** is an ultrasonic cleaning system made of all stainless-steel construction. The Multi-Frequency Ultrasonic Cleaning System is great for cleaning small parts on an intermittent to semi-production basis but is not recommended for high volume cleaning. These tanks are available for use with single or multi-frequency generators. Blackstone-NEY Ultrasonics is a recognized leader in ultrasonic generator technology. Starting with the introduction of sweeping frequency in 1988, there has been a continuous stream of development and patents covering new ultrasonic generator and transducer technology from Blackstone-NEY Ultrasonics.
- **Megasonics** is a multi-frequency, sweeping or non-sweeping, system. The multiMEG's four mode operation (430 kHz conventional streaming megasonics / 430 kHz dualSWEEP® megasonics / 1.3 MHz conventional streaming megasonics / 1.3 MHz dualSWEEP® megasonics) delivers higher yields in a single process tank. Combining our multiMEG technology with our advanced plate arrays and submersible designs allows integrators and existing users the ability to experience higher particle removal efficiencies while minimizing downtime associated with full module replacement.
- The Stainless-Steel GMC is an optional package to achieve chemical compatibility with aggressive caustic and acidic agents. The GMC series comes in two sizes the GMC1818 and the GMC 3523. The larger can accommodate parts with one dimension up to 35 inches and weighing up to 125 pounds. Both units are completely self-contained, are supported on casters and operate from commonly available power supplies making them easy to move where needed for either in-place or utility cleaning. Both systems include a pump and dual stainless cartridge filtration, a surface sparger, automated controls for heat, pump and ultrasonics, a lid and one standard basket. A drip pan (the open hinged lid in the case of the GMC 1818 or attached to the side of the tank in the case of the GMC 3523) allows draining one basket of parts while cleaning another.



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At the show we will have technical experts available to explain our technologies in more depth and provide suggestions to our customers to improve their cleaning processes.

For more information about Cleaning Technologies Group, please visit: <http://www.ctgclean.com>.

Cleaning Technologies Group, LLC is a world leader in providing innovative cleaning and waste minimization technologies to precision and industrial manufacturing markets. CTG is comprised of Ransohoff located in Cincinnati, Ohio, Blackstone~NEY Ultrasonics located in Jamestown, New York, and CTG Asia located in Suzhou, China. The Group is the premier provider of high technology, environmentally friendly parts-cleaning and waste-minimization equipment and services to the global marketplace. CTG LLC is a wholly owned subsidiary of NM Group Global, LLC.

NM Group Global LLC is a holding company for a growing group of manufacturing firms with a global reach for sourcing and marketing. Founded in 2002 with the purchase of National Machinery LLC, the original holding company, and world leader in the development and manufacture of cold forming machines, process technology, and aftermarket services. National Machinery, founded in 1874, is headquartered in Tiffin, Ohio with service centers and sales offices throughout the world.

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