



CLEANING TECHNOLOGIES GROUP

RANSOHOFF • BLACKSTONE-NEY ULTRASONICS • CTG ASIA

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FOR IMMEDIATE RELEASE:

CLEANING TECHNOLOGIES GROUP, LLC INTRODUCES NEW CLEANING SOLUTION AT AMTS 2015

August 2015– Cincinnati, OH

Cleaning Technologies Group a world leader in providing cleaning and waste minimization technologies will introduce a host of advanced cleaning solutions at the AMTS – Shanghai International Automotive Manufacturing and Technology show in Shanghai, China August 26 - 28, 2015. Visitors to Cleaning Technologies Group Booth #E1-C22 will be introduced to a number of new products, technologies and services. Among the new technologies exhibited at the show will be:

•**The New Blackstone~NEY Ultrasonics Modular Aquarius® Cleaning System** is an innovation in aqueous parts cleaning, offering a modular plug & play configuration Multi-Tank Cleaning System. The Modular Aquarius is characterized by individual modules that can easily be integrated together to offer maximum flexibility to the end user. Standard wash and rinse stages can be mated to provide exactly the cleaning system required for today's application. The Modular Aquarius comes standard with three frequencies 40, 72, 104 kHz in each tank, Siemens controller, automated hoist transfer system and much more. Additional modules can be added at any time allowing for future expandability.

•**The New Lean-Jet® RT-12 robotically tended cellular parts washer.** Ransohoff has developed an innovative, patented drive system that adds an entirely new level of flexibility to this already extremely effective cellular design. While the previous generation did provide planetary part rotation at each processing station, the new design allows for each individual table to be programmed to rotate a part in multiple directions, at varying speeds, or to pause and position a part for dedicated spaying or probing of critical holes or difficult to address areas. As table position is tracked throughout the cycle and parts are positively located at the load and unload station, this design is a perfect match for a robotically tended manufacturing cell.

This cellular washer is available with various configurations offering not only the ability to wash and dry your parts but also rinsing or part cooling if necessary. The RT-12 accommodates a wide range of part sizes, weights and geometries and will produce up to one part, or table of parts, every 30 seconds depending on the application. The new generation Lean-Jet RT-12 is available with a Siemens PLC and HMI package.

• **LeanJet RB-2 Aqueous Immersion Cleaning System** uses a patented washing and rinsing process of agitation, spray impingement, hydraulic purging through immersion and rotation, ultrasonics, and heated blow-off drying. The patented "triple action" batch cleaning process was developed specifically to process a broad range of challenging parts, especially those with internal bores and passages and complex geometries, making this system capable of meeting critical cleaning expectations.

The LeanJet RB-2 parts washer also features the latest Siemens programmable controller and operator interface screen. This controls platform boosts system flexibility for automation integration, process control and data logging while offering an intuitive user interface.

• **Lean-Jet® RB-8 Immersion Cleaning System** processes eight (8) baskets of parts per cycle, up to eighty (80) baskets per hour. The Lean-Jet RB-8 parts washer cleans using our patented washing and rinsing process of agitation, sprays impingement, hydraulic purging through immersion and rotation, and heated blow-off drying. Our patented "triple action" batch cleaning process was developed specifically to process a broad range of challenging



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parts, especially those with internal bores and passages. In addition, the Lean-Jet RB 8 is designed to be equipped with ultrasonics if required.

• **AgiSonic® 4000 Ultrasonic Parts Washer Cleaning System** also known as the “WashMaster & Grease Monkey Plus™”, this robust line of ultrasonic cleaning systems designed for heavy duty parts washing with vertical parts agitation, and up to 21 watts per gallon/5.4 watts per liter of 40 kHz ultrasonics.

The AgiSonic parts washer is so versatile; it can be found operating in the harshest industrial environment and even in the most demanding medical clean rooms.

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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