

RAIL INDUSTRIAL APPLICATIONS

INCLUDING BUT NOT LIMITED TO



- **AUTOMOTIVE**
- **ENGINE BLOCKS**
- **CRANKSHAFTS**
- **WHEELS & AXLES**
- **BRAKE COMPONENTS**
- **FULLY ASSEMBLED BOGIES**



CLEANING TECHNOLOGIES GROUP

RANSOHOFF • BLACKSTONE-NEY ULTRASONICS • CTG ASIA

We provide equipment to eliminate the pain associated with parts cleaning
www.ctgclean.com

With over 150 years of experience, technical facilities in the United States and Asia, and brands such as Ransohoff and Blackstone-NEY Ultrasonics, Cleaning Technologies Group, LLC (CTG) is a name you can trust.

Ransohoff (800) 248-9274
4933 Provident Drive
Cincinnati, OH 45246

Blackstone-NEY Ultrasonics (800) 766-6606
P.O. Box 220
9 N. Main St.
Jamestown, NY 14702-0220

CTG Asia (86)0512-66161698
56 Songshan Road, Suzhou New District
Jiangsu Province, China PRC: 215151



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**RAILWAY PARTS CLEANING AND
WASTE MINIMIZATION
TECHNOLOGIES**



CLEANING TECHNOLOGIES GROUP



We provide Aqueous and solvent-based parts washers including ultrasonic cleaning systems, spray washers and immersion cleaning systems as both pre-engineered platform products and custom designs.

CLEANING TECHNOLOGIES

ULTRASONICS

- Patented Multi-Frequency Technology
- Full Line of Standard Benchtop Tanks
- Custom Turnkey Multi-Tank Systems
- Immersible Ultrasonics

IMMERSION

- Precision Cleaning of Complex Part Geometries
- Inline AND Batch Type Systems
- Rotary Basket Type Systems

SPRAY

- High Production, Inline Systems
- Energy Efficient Conveyor Type Lean Washers
- Energy Efficient Rotary Table Type Lean Washers
- High Production Drum Type Washers
- High Pressure Deburr Capabilities

RECYCLING TECHNOLOGIES

CHEMISTRY

- Reduce Utility Usage
- Alkaline, Neutral, and Acid Chemistry Lines
- Passivation Chemistry Line – Nitric & Citric Acids

WASTE MINIMIZATION

- Standard Line of Compact Ultrafiltration Systems
- Remove Both Soluble and Non-Soluble Coolants
- Significantly Extend Bath Life
- Drastically Reduce Haul-Away Costs

RAIL INDUSTRIAL CLEANING SOLUTIONS



Lean Jet® CELL JET/MEGA JET



Lean Jet® RB-2 Gen 3



AGISONIC™



Vacuum Dryer



Block Washer



Parts Washer



- Class 10,000 Clean Room
- Process Development and Optimization
- Cleanliness Validation
- Particle Counting and Analysis

CLEANLINESS TESTING FACILITIES



MONTERREY MEXICO



SUZHOU CHINA



CINCINNATI OHIO

Blackstone-NEY Ultrasonics, located in Jamestown, NY, is a recognized leader in ultrasonic 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.

Today Ransohoff is a division of Cleaning Technologies Group, LLC which is a world leader in providing innovative process technologies to the precision and industrial global manufacturing markets.

CTG Asia, located in Suzhou, China was formed in 2007 providing a combination of the technologies offered by the Cleaning Technologies Group in the USA. Their specialty is high value, critical cleaning applications where the quality of the process and robustness of the equipment are key