



Specialized Ultrasonic Industrial Cleaning

By reducing workforce and increasing performance capacity of equipment, we strengthen your bottom line.

Here's how:

- Enhanced equipment performance means an increase in profits
- Reduction in workforce minimizes cost and safety risk
- Reduced turnaround time to get your equipment back in the field



Acden is 100% community-owned by the Athabasca Chipewyan First Nation



Industrial Ultrasonic Cleaning

Acden Tech Sonic is a leading developer of engineered applications that remove heavy contaminants from production and process equipment. We provide small and large capacity mobile applications designed for ongoing maintenance or cleaning projects both on and off-site.

How does the Tech Sonic process work?

Acden Tech Sonic “vessels” are engineered to be size and capacity appropriate for the cleaning task required. Acden Tech Sonic’s patented submersion technology allows sound wave cleaning to reach into interspatial areas that other methods simply cannot. Our ultrasonic cleaning vessels are some of the largest in the world, quickly and efficiently removing hydrocarbon and scale deposits from process equipment.

What do we clean?

- Pumps
- Heat exchangers (spiral tube, straight, u-bend, plate and frame, etc.)
- Heat exchanger components
- Valves
- Spools
- Barrels
- Piping and elbows
- Packing (structured and unstructured)
- Scaffolding
- Tower trays
- Demister pads
- Hydraulic components
- Conveyor components
- Filters and filter systems
- Tools
- Rotors
- Compressors
- Cyclones
- Labyrinth mixers
- Fin fans
- Coriolis mass flowmeters

Location

68 Liberty Road
Sherwood Park, AB T8H 2J6

What sets us apart?

Compared to conventional cleaning methods, our ultrasonic cleaning results in:

- **Enhanced safety** - by removing workforce from the line of fire
- **Reduced energy and greenhouse gases** - through improved heat transfer performance
- **Reduced water consumption** - by up to 70%
- **Reduction in workforce required** - decreasing cost
- **Critical path time savings** - through enhanced turnaround time, getting equipment back in use faster
- **Demonstrated improved performance** - increasing production and extended maintenance intervals
- **Enhanced reliability of components** – non-destructive technology protects metallurgy



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