

Auburn
70 Wright Circle
Auburn, NY 13021
Tel: 315-253-9721

Buffalo
75 Allied Drive
Cheektowaga, NY 14227
Tel: 716-768-6702

Rochester
80 Elmgrove Park
Rochester, NY 14624
Tel: 585-270-5000

Syracuse
6500 New Venture Gear Dr.
Syracuse, NY 13057
Tel: 315-399-5801

AAI Service Operations

Contact your local representative for additional details.



Field Services

Motor Repair Shop Services

Cryogenics Services

Hydro Services

Dynamic Balancing Services

Infrared Inspection Services

Electrical Inspection Services

Mechanical Inspections Services

All-Test Pro Technology

AAI, A Power-Flo Technologies Company has been in business for nearly 70 years. We employ 100 people and our main facilities are located in Auburn, New York. AAI built a new, fully integrated 50,000 sq. ft. facility in early 1998. Since then, we have added a full-service 33,000 sq. ft. warehouse & counter sales office in Syracuse. On January 1, 2011, AAI completed its acquisition of Great Lakes Controls of New York, based in Rochester, NY. The 20,000 sq. ft. Rochester branch combines both a high-tech automation training center, warehouse and counter sales operation together under one roof.

In February of 2014, AAI acquired an apparatus repair operation in Oriskany, NY to expand our apparatus repair and service capabilities. Most recently AAI acquired Armor Electric (2014) and United/Richter Electric Motors (2018) to complement our new Buffalo branch location. The Buffalo location will combine a warehouse and counter sales operation, high tech automation training center and an electrical apparatus repair and service center in one 50,000 sq. ft. facility.

We serve a market area that extends north to Massena, NY, south to Scranton, PA, east to Albany, NY and west to Buffalo, NY. AAI has evolved into a unique company, with the capabilities of an electrical products distributor, manufacturer, and service organization all rolled into one. We are a true "From Power to Process" supplier of electrical products and services. Our employees have over 1000 years of combined experience in the electrical equipment business.

Serving all your electrical product, service, and repair needs since 1946!

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AAI Service Operations

Field Service

On-site diagnosis and repair of electrical and mechanical equipment.

- Customer on-site services
- Optical laser alignment
- Turnkey removal & installation
- Vibration analysis and precision balancing
- Variable Frequency Drive (VFD) Startup
- Predictive maintenance
- Mechanical capabilities
- On-site motor service
- Thermography

Motor Repair Shop Services

Two repair shifts provide emergency service at straight time costs.

- Rewind - Reconditioning
- AC & DC motors
- Servo and brush-shifting motors
- UL listed explosion-proof motors
- Gear reducers and mechanical variable speed drives
- Pumps and blowers
- Factory authorized and warranty service for all major manufacturers
- Precision balancing
- Complete in-house machining capabilities
- Hoist repair & OSHA testing up to 40,000 lbs.

Cryogenics Services

AAI's field service team has cleaned electromechanical equipment, generators and hydroelectric units throughout New York since 2002.

Cryogenic cleaning leaves no moisture or residue. It is the perfect cleaning solution for electrical components.

- Specialize in generator and motor repair and rewinding.
- Perform complete winding evaluation prior to and after completion of cleaning.
- Trained technicians visually inspect the insulation system to identify potential problems.
- Can build an enclosure and filter the output air to 1 micron to prevent airborne dust.
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Hydro Services

- Testing
- Removal and Installation
- Cryogenic Cleaning
- Onsite Rewinding
- Mechanical Service

Dynamic Balancing Services

Fans, armatures, rotors, pulleys, drums, gears, blowers, centrifuges, drive shafts and rolls. Our balancing machine can handle up to 15,000 lbs, 62" diameter and can balance almost any rotating part as long as it meets the machine specifications.

Infrared Inspection Services

The NFPA recommends IR Inspection of electrical systems. Many insurance carriers require it. This is because most electrical and many mechanical problems show an abnormal thermal signature long before failure.

Electrical Inspections Services

- Bus connections
- Fuses and fuse holders
- Circuit breakers
- Contactors
- Transformers/bushings

Mechanical Inspections Services

- Motors and pumps
- Bearings
- Steam traps
- Insulation (walls, roofs, boilers, furnaces, etc)

All-Test Pro Technology

- Predictive maintenance
- Quality control
- Troubleshooting
- Route-based testing
- Trending