



CAPABILITIES AND SERVICES

2026

CREATING **PARTNERSHIPS...** REDEFINING INDUSTRIAL SERVICES

Alachine Industrial



Creating **Partnerships...** Redefining Industrial Services.

What We Do

We design, engineer, and deliver customized industrial solutions built to solve your toughest challenges. From precision parts to advanced engineering, we keep your operations moving — with speed, reliability, and trust

Core Capabilities

- Custom Parts & Machining → New builds, repairs, reverse engineering, stocking programs
- Surface Coating Technology → Thermal spray technology, polymer technology
- Repair → Gear box and motor repair services
- Design & Engineering → CAD, 3D modeling, conversions
- Industrial Services → Steel detailing, inspection diagrams, safety signage, lockout tagout procedures
- Industrial Power Quality → Our power quality products keep your systems at peak performance
- Raeder Vogel → Proud supplier of Raeder Vogel wheels and casters

Our Edge

- Tailored Solutions – Not off-the-shelf. Built for your needs
- Trusted Partner – Integrity, service, and long-term reliability
- Proven Expertise – Industry-leading **Raeder-Vogel** wheels and casters
- Unified Resources – One vendor, multiple services, streamlined transactions

Major Industries We've Served



Thermal Dynamics



Wire Manufacturing



Poultry Processing



Mining



Heavy Industry



Explosives

Let's Talk

If you need a partner who brings technical expertise and trustworthy service, and to learn more about industries we can serve, let's start the conversation Contact Alachine Industrial today!

 (256) 281-1181

 info@alachineindustrial.com

 alachineindustrial.com



RELATIONSHIPS • SERVICE • INTEGRITY • TRUST

Industrial Parts

Creating **Partnerships...** Redefining Industrial Services.



Custom-Made Industrial Parts That Keep You Running

At Alachine Industrial Co., we don't sell stock parts — we engineer solutions. Every part we deliver is site-specific, custom-built to your exact needs. Whether you're replacing a critical component or designing from scratch, our team ensures you'll never be stuck waiting on out-of-stock parts again.

What We Do

We specialize in custom-engineered, precision-manufactured parts designed to keep your operations moving:

-  Precision Manufacturing
-  Laser Technology
-  Reverse Engineering
-  Welding, Fabrication & Metal Forming
-  Custom Stocking Programs
-  Gearbox Rebuilds
-  Motor Services
-  Shaft Manufacturing & Resurfacing
-  Thermal & Ceramic Wear Coating Technology

Built to Perform – Every Time.

Our facilities are equipped with top-tier machinery and experienced professionals to deliver on the toughest jobs.

Always in Stock – Always on Time

Supply chain problems? Let us help! Our team continually monitors stock, consumption, and lead times for you. We can customize a stocking program for your facility to virtually eliminate costly downtime.

Let's Talk About Your Parts

We're not just a vendor — we're your partner in uptime. Whether you're dealing with legacy equipment or designing the next innovation, let's solve it together.

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CAD Solutions

Creating **Partnerships**...Redefining Industrial Services.



Custom Engineering + Industrial Services Designed Around You

We deliver tailored parts, designs, and solutions that keep your operations moving. Whether it's a new build, redesign, or complex system upgrade, we make it happen — fast, precise, and reliable.

What We Do

CAD & Design

- 2D Drafting & Detailing
- 3D Modeling
- Conversions
 - Paper to CAD
 - 3D to 2D Conversions
- As-Built Drawings

Site-Specific Services

- Structural Steel Detailing
- Pre-Op Inspection Diagrams
- Lockout & Safety Procedures
- Industrial Signage

Why Choose Alachine?

- Tailored Solutions → Built for your exact facility, not off-the-shelf
- Faster Turnaround → Minimize downtime, maximize output
- Proven Expertise → Backed by global leaders like **Raeder-Vogel**

Let's Solve Your Toughest Challenge

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USES Technology

Creating **Partnerships**...Redefining Industrial Services.



A breakthrough in Energy Conservation with the Universal Shunt Efficiency System by USES MFG.

What is USES - Universal Shunt Efficiency System

USES is the future of energy management with groundbreaking new technology that will save you money on your energy costs. This innovative approach to power conditioning provides significant energy reductions on inductive loads providing a competitive edge to the cost and efficiency of your power.

The USES System Advantage

- Power Factor Improvement
- Voltage Surge/Spike Protection
- Voltage Lighting Protection
- Electromagnetism
- Reduced KW Demand
- Reduced KW Hours
- Reduced Line Noise
- Improved Load Across Phases
- Reduced I²R Losses



Magnetic Phase Balancing



of voltage and current to improve power condition, reducing waste, demand, friction and heat in loads



Power Factor Correction



to safely reduce demand of reactive non-power currents, and kVar



Harmonic Filtering



to reduce the measurement and billing of non-power harmonic currents as kWh consumption and improve power quality



Energy Conversion



through the self-healing magnetic chokes - energy above operational voltage is absorbed, reclaimed, and returned as usable power



Power Generation



through proprietary chokes that generate voltage and current from each phase from Faraday's and Lenz's law that is injected as useable power

Let's Optimize Your Electrical System

Alachine Industrial Co. and the USES technology will improve your overall electrical consumption. With the above improvements, your electrical system is completely optimized.

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RELATIONSHIPS • SERVICE • INTEGRITY • TRUST

Raeder Vogel Wheels and Casters



Top-tier mobility solutions delivered through
Alachine Industrial Company

Why Raeder Vogel Through Alachine?

- German-engineered excellence in polyurethane wheels & casters
- Proven for extreme loads, high speeds, chemical & abrasion resistance
- Full line: from VULKOLLAN® to PEVOPUR® series
- Seamless supply chain: just-in-time, Kanban, or custom stocking

Performance Specs You Need to Know

- Load Capacity: Up to 55,000lbs
- Speed: Up to 10mph (standard models up to ~3.75mph)
- Chemical Resistance: Effective against mineral oils, greases & solvents
- Low Rolling & Starting Resistance & non-marking options

Where They Fit Best



Automation



Automotive



Mining



Heavy Industry



Cold Storage



Sewage Treatment

Let's Get Rolling

Want to identify the ideal wheel or caster for your system or learn of the many other industrial settings to which Raeder Vogel wheels can be applied? Let's talk load specs, environment, or application requirements — we'll navigate the options together.

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RÄDER-VOGEL® 
FOR BETTER WHEELS AND BETTER SERVICE

*Alachine Industrial Company is proud to supply
Raeder Vogel wheels and casters to our customers*

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