



# INDUSTRIAL MOTORS



## Southwest Electric is Your Power Partner

Southwest Electric Co. provides integrated electric motor services for a wide range of industries. Our highly skilled team provides superior technical innovation, problem-solving, and project management to satisfy all your industrial motor needs.

24/7 EMERGENCY SERVICE  
**833.YOUR.SWE**

### Equipment Serviced

- ▶ Electric AC/DC Motors
- ▶ Synchronous Motors
- ▶ Generators
- ▶ Pumps
- ▶ Adjustable Speed Drives
- ▶ Gearboxes
- ▶ Hoists
- ▶ Cranes
- ▶ Rotating Electrical Equipment and Controls
- ▶ Hermetic Motors

### Rewind, Rebuild, Repair

- ▶ AC/DC Motor Repair and Rewind up to 20,000 HP
- ▶ Test Capabilities to Run Motors up to 7,000 Volts
- ▶ Generator Repair and Rewind
- ▶ Babbitt Bearing Rebuilds
- ▶ UL and Explosion Proof/ UL Certified
- ▶ Motor Redesign and Upgrade Services
- ▶ Capacity to Build and Repair Fans, Pumps and Compressors
- ▶ Authorized Warranty Repair for Most Major Brands of Motors
- ▶ Dynamic Balancing

### On-site Services

- ▶ Commutator and Slip-ring Turning
- ▶ Motor and Equipment Repair
- ▶ Installation and Removal
- ▶ Rewinding
- ▶ Laser Alignment
- ▶ Dynamic Balancing
- ▶ Cryogenic Cleaning
- ▶ Commissioning & Decommissioning
- ▶ Safety-Focused Workmanship
- ▶ Fleet of Trucks and Service Vehicles with Extensive Crane Capabilities

### Mechanical Repair

- ▶ Shafts
- ▶ Gearboxes
- ▶ Pumps
- ▶ Dynamic Clutches
- ▶ 60-inch Machining Capacity

INDUSTRIAL MOTORS CONTINUED

CONTACT US

**swelectric.com**  
**833.YOUR.SWE**



UTILITIES



OIL & GAS



SUBSTATIONS



INDUSTRIAL



DATA CENTERS



CONTACT US

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## Predictive Maintenance

- ▶ Vibration Analysis and Laser Alignment
- ▶ Motor Circuit Evaluation Testing Using PdMA® Equipment
- ▶ Oil Analysis
- ▶ On-line Monitoring Sensors

## Manufacturing

- ▶ Babbitt Bearings
- ▶ Modification of WPII Hoods for Improved Cooling
- ▶ Motor Adapter Bases and Rails
- ▶ Slip Rings

## New Equipment Sales

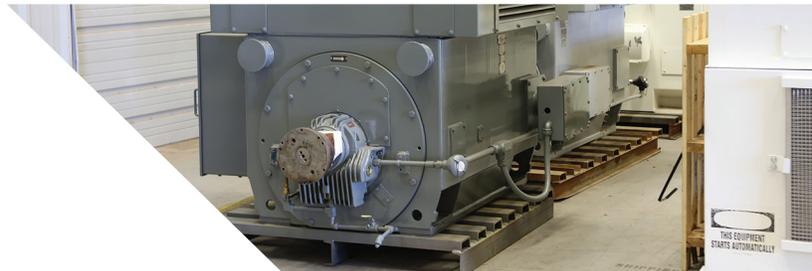
- ▶ Motors and Generators [All Major Brands]
- ▶ Bearing Isolators and Seals
- ▶ AC and DC Drives
- ▶ Eddy Current Drives
- ▶ Electric Motor Parts and Accessories
- ▶ Replacement Equipment: New and Reconditioned

## Special Processes

- ▶ Vacuum Pressure Impregnation [VPI]
- ▶ Motor Load Testing
- ▶ Core Loss Testing
- ▶ Motor Conversion Solutions
- ▶ Controlled Ovens for Optimum Winding Bake-out Process
- ▶ Babbitt Bearing Rebuilds
- ▶ Climate Controlled
- ▶ Motor Winding Detailed Test Reports

## Facility Capabilities

- ▶ Rail-to-bay Access
- ▶ Crane Capacity up to 135 Tons
- ▶ 27 Feet Under Crane Hook Clearance
- ▶ Motor Storage Capabilities
- ▶ Efficient Process Isolation for Bake-out, Steam Cleaning, Blasting, Winding, Painting and Assembly



### MOTOR SERVICES

East [Nashville, TN] 800.448.7517 | Local: 615.255.6514

West [Oklahoma City, OK] 800.364.4445 | Local: 405.634.4445