

AUTHORIZED DISTRIBUTOR

“Service is our Product”



Apex is an Authorized Distributor for many Major Manufacturers - so whether it is for repair or replacement equipment - We offer the Best Pricing Available

Product Authorization

- Bearings
- Gearboxes
- Seals
- Motors
- Couplings
- Variable Frequency Drives
- Clutches & Brakes



24 Hour Emergency Service Available



Download our app



Visit our website

www.apexindustrialautomation.com/schedule-repair-pickup/

or

Call 866-924-2808

LOCATIONS

MONTGOMERY

2000 Albright Road
Montgomery, IL 60538
630-969-7890

PEORIA

3840 N Main Street
East Peoria, IL 61611
309-673-8171

STEGER

3126 Union Avenue
Steger, IL 60475
708-754-1230

DOWNERS GROVE

5161 Thatcher Road
Downers Grove, IL 60515
630-969-7890



REPAIR CAPABILITIES

AC/DC Motors • Pumps & Blowers • Generators • Servos • Gearboxes
Electric Board Repair • Encoders • Machining • Explosion Proof (UL Certified)
Field Services • Motor Maintenance & Management

Ph 866-924-2808 repair@apexindustrialautomation.com



sales@apexindustrialautomation.com

www.apexindustrialautomation.com



Count on Apex to Repair & Rebuild your Equipment to it's ORIGINAL Specs, Precision & Performance

Why Apex is the Right Choice...

- Industry Leading Test Equipment
- Controlled Manufacturing Process
- Class N Insulation System
- Manufacturer Specified Replacement Parts
- Experienced Committed Staff
- Cost Competitive
- 24 Hour Emergency Service
- Top Quality, New & Rebuilt Motors in Stock and ready for same day delivery

Field Services

Apex strives to continuously raise the bar through Engineering Innovation and Value-Added Field Services. Our skilled staff is available to your company 24 hours/365 days a year.

- Drive System Installation & Start-up
- Panel Design, Build & Installation
- Laser Alignment
- Electrical & Mechanical Installation
- Vibration Analysis
- Motor Electrical Testing
- Infrared Thermography
- Shift Current Detection



Industry Leading Test Equipment

Apex is Committed to Reinvest in the LATEST Equipment & Technology Available

SKF BAKER Advanced Winding Analyzer – documents your repair from start to finish

- Surge Test
- Hi Pot Megger Test
- Resistance Test
- Polization Index
- Printed Documentation
- Repeatable Maintenance Testing (historical life-long repair data stored)



LEXSECO – Coreloss Tester

- Coreloss test any specialty rating and all standard ratings above 20hp



DYNAMIC BALANCER – Balancer Tester

- API Balancing Standard – ISO-1940 G2.5
- 5,000 lb Dynamic Balancing Capabilities
- All Motors 5hp & Above are balanced to **1 mil**
- DBCE101 Computerized Electronic System
- Color Reporting Capabilities

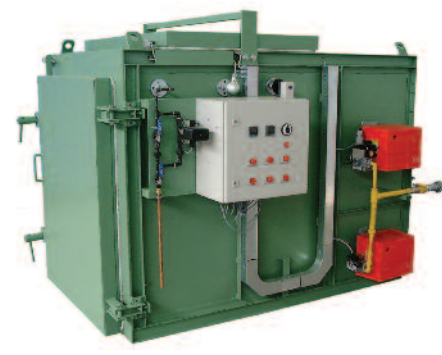


QUAD PLUS – Load Center Tester

- AC/DC No Load Diagnostics
- Progressive Start Up

INDUCTOR – Dynamometer Load Tester

- Fractional to 100 HP



Controlled Manufacturing Process

Apex follows a RIGID set of Controls in every repair that MEET or EXCEED MFR Specifications

CONTROLLED BURNOUT OVENS

Our Equipment is temperature controlled to provide a tightly regulated control of (+/-5) with a maximum of 680 degrees F

- Protection against coreloss and intermedial lamination breakdown
- Allows for effective burnout of both organic and inorganic electrical steel without impacting motor efficiency
- Digital Chart Recording to ensure temperature control

CONTROLLED BAKE OVENS

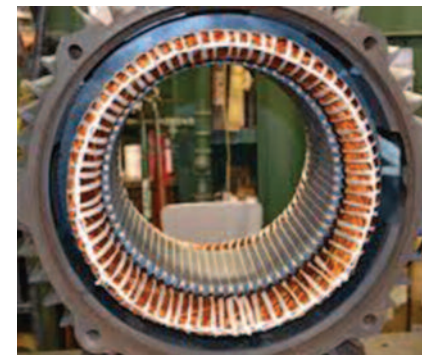
- Temperature and Time controlled

EASA Certified WINDING TECHNIQUE

- Automated Winding Equipment
- Documented Process on all Winding Data
- Factory Specific Coil Head Length & Circular Mills
- Expert Winding Staff with over 60 combined years of experience
- Highest U.L. Standard – Class N Insulation System



UL Certified Explosion Proof Motor Repair Services



Class N Insulation System

Apex is PROUD to note that the materials used in every repair meet the HIGHEST U.L. Insulation Index Standards

U.L. Standard 1446 Insulation Index		
Class	Degrees	Temp Rise – Ambient – Hot Spot Allowance
Class A	105°	60+40+10
Class B	130°	80+40+10
Class F	155°	105+40+10
Class H	180°	125+40+10
*Class N	200°	150+40+10 UL E87039

MAGNET WIRE – REA Pulse Shield Severe Duty

- Up to 400x the life protection against transient spikes
- 25-30% higher bond strength to Polyamideimide Top Coat
- Only U.S. Owned Major Magnet Wire Co

LEAD WIRE – NEMA Grade A

- Abrasion and cut-through resistant
- Solvent, Fuels and Oil Resistant
- Negative 70C to 220C Operating Temp.
- High dielectric protection to 5,000 volt minimum
- Complies with UL's VW-1 flame test

VARNISH – Elantas B-535 Series

- Outstanding thermal, electrical and mechanical properties
- 1.5 –3 hour cure at 135 degrees C (275 degrees F)



INSULATING FILMS & PAPERS – Type 410 Nomex

- 20mil – 16,000 dielectric breakdown volts



Quality Replacements

Apex assures that we will rebuild/repair your equipment to it's original specifications through the use of only high quality/ premium parts and material

- Premium Bearings – NTN/SKF/NACHI/KOYO
- Seals – CHICAGO RAWHIDE/DICHTOMATIK
- Grease – LUBRIPLATE SYN EMB High Performance Synthetic Grade
- Paint – RUST-OLEUM High Solids Base/Rust Inhibitor



Cost Competitive

Apex Completes all Remanufacturing In House through our FULL-SERVICE Machine Shop

Machining Capabilities

- Keying
- Fabrication
- Shafting
- Machine & Sleeve
- Welding
- Reboring

Other In-House Services

- Sandblasting
- Steam Cleaning

Authorized Repair Center

- Baldor
- General Electric
- ABB
- Dayton
- Weg
- Marathon
- US Electric
- Toshiba
- Leeson

“Good as Gold” Motor Management Program

Change the way you LOOK at doing business with your Repair Supplier

Apex Dedicated Pallet Onsite

- One location in your facility for maintenance or engineer personnel to place equipment needing inspection or repair
- Custom Printed tags so that all pertinent information for your company is clearly documented
- Scheduled Weekly or Monthly pickups based on YOUR needs

Apex Commitment to You

- Waive inspection Fees
- Waive Expedited Fees for all Rush Orders
- Failure Analysis reports for all repairs supplied at no additional cost

Online Custom Portal

- Ability to track repair history, warranty & maintenance documents online
- Multi Plant Asset Sharing
- Central Repository for Installation & Maintenance Manuals

Call to Learn More! 866-924-2808