

WE KEEP ELECTRIC MOTORS AND GENERATORS RUNNING

REPAIR SERVICES

Motor & Generator Repair

- AC motor repair thru 5,000 HP
- DC motor repair thru 1,000 HP
- Ultrasonic cleaning of DC armature
- Random wound coil manufacturing
- 10 ft. VPI—100% solids epoxy resin
- UL® re-certification, explosion-proof motor rebuilds
- Precision dynamic balancing
- Bearing reabbating
- Commutator resurfacing
- Brush electroplating, laser welding
- AC & DC motor redesign

Motor & Generator Rewind Technologies

- "Global VPI" Stator Rewinds
 - PowerLok™ up to 7.2 kV with 1-year warranty
 - PowerSeal™ up to 7.2 kV with 5-year warranty
 - MegaSeal™ up to 15 kV with 5-year warranty
- "B-Stage" Resin-Rich Stator Coils
 - IntegraCoil™ up to 15 kV with 1-year warranty
 - HydroCoil™ up to 15 kV for hydro generators

Specialty Motor Repair

- Custom designs
- Servo
- Wound-rotor AC
- Above- and below-ground mining motors
- Mill duty
- Variable-speed, High-efficiency AC
- Hermetic, Submersible
- Wheel drive
- Motor/Generator sets
- Annealing furnace fan motors
- Synchronous

Motor & Generator Testing

- Full load testing thru 1,000 HP
- Run testing to 4,160 VAC / 750 VDC
- Motor Circuit Evaluation (MCE)
- Rotor bar imaging
- Core Loss Test (Computerized)
- Vibration Analysis (Spectral)
- Thermography
- Heat run
- Polarization Index Test
- Locked rotor testing
- Resistivity, Hi-Pot (AC & DC), Megger®, Surge test

Mechanical Repair

- Gear reducer rebuilding
- Sumitomo gear reducer repair
- SEW Eurodrive reducer repair
- Pumps—centrifugal/submersible/vacuum
- Gear motor, clutches, brakes
- Fans, blowers, heat exchangers
- Laser shaft restoration
- Broach Keyways
- Milling—Vertical and Horizontal
- Pressing—up to 300 tons
- Welding—MIG/TIG
- Parts manufacturing (shafts, bases, housings)

Custom Control Panels

- Buildup control panels for any control scheme
- VDF enclosures
- Motor control centers
- Switchgear
- Panelboards
- CAD drawings
- Full engineering
- Turnkey installation



AC motor rewind up to 5,000 HP



Load testing to 1,000 HP and 4,160 VAC / 750 VDC



Variable frequency drive repair



Servo motor repair

Meridian Service Center

1551 Redman Road
Meridian, MS 39305

601.679.5500
601.679.9090 (FAX)

www.ips.us

✉ iemsales@ips.us

FIELD SERVICES

On-site Services

- Laser alignment
- Vibration analysis
- Thermography
- Motor Circuit Evaluation (MCE)
- AC & DC motor repair
- Mechanical repair
- On-site dynamic balancing
- Toshiba VFD installation/repair/commissioning
- Toshiba SSS installation/repair/commissioning
- Toshiba UPS installation/repair/commissioning
- Generator Repair
- Installation and commissioning
- Emergency and outage support

Performance Improvement Services

- Maintenance assessments
- Condition monitoring
- Preventive, predictive maintenance programs
- Motor efficiency studies
- Contingency planning
- Reliability engineering
- Training programs
- Project management
- Energy savings analysis
- Inventory management

WE KEEP ELECTRIC MOTORS AND GENERATORS RUNNING

PRODUCT SALES

AC & DC Motors – NEMA and Above NEMA, Encoders, Parts



Authorized Toshiba, Siemens, GE, ABB, and SEW OEM Replacement Parts

Toshiba Variable Frequency Drives – Low and Medium Voltage



- AS1, AS3, G9, S15 in stock from 1 HP - 450 HP
- Communication option cards
- Encoder feedback
- Dynamic braking resistors
- Fully authorized distributor and service/warranty center

Sumitomo Build Center



- Input, output, and ring gear assemblies to build out most common sizes
- Factory authorized repair
- Quick delivery
- Rebuilt to original designed specifications

Storage and Asset Management



- Climate-controlled controlled
- Shaft rotation, windings meggered
- Free of resonant vibrations
- 24/7 on-call service
- Full documentation



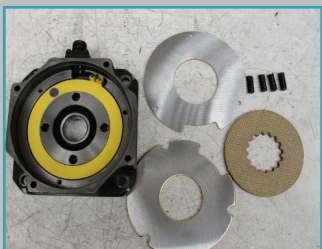
Large motor and gearbox inventory



VFD inventory up to 450 HP



Custom control and VFD panels



Servo motor parts

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NORTH AMERICAN COVERAGE



UNITED STATES

Beaumont, TX	Folcroft, PA
Birmingham, AL	Greenville, SC
Charleston, SC	Houston, TX
Chicago, IL	Indiana, PA
Cincinnati, OH	Lake Benton, MN
Cleveland, OH	Litchfield, MN
Clifton, NJ	Meridian, MS
Corpus Christi, TX	Philadelphia, PA
Denver, CO	Portland, OR
Des Moines, IA	Rock Hill, SC
Detroit, MI	Seattle, WA
Dothan, AL	Shreveport, LA
Enid, OK	Spokane, WA
Erie, PA	Sweetwater, TX
Evansville, IN	Wichita, KS

CANADA

Regina, SK
Saskatoon, SK
Winnipeg, MB