



ELECTRO-MECHANICAL REPAIR & RE-MANUFACTURING SERVICES

Electrical Repairs

- Adjustable speed drives
- Electric motors
 - UL certification
 - Medium voltage specialists
 - AC and DC
 - Factory authorized service center
- "Special units" & I.E.C.
- Generators
- Hoists & crane systems
- Switchgear upgrades & retrofits
- Transformers (DryType)
- Magnet & coils
- Welders
- Vacuum pressure impregnation

Mechanical Repairs

- 125,000 sq. ft. service center
- Brakes and clutches
- Complete machine shop
- Fan rebuilding & balancing
- Gear reducers
- Hydraulics
- Pumps
 - Vacuum
 - Centrifugal
 - Split case
 - Submersible
 - Vertical turbine
- Pneumatic equipment
- Rotary valves/air locks
- Vibrators/shakers

Capabilities/Machining

- 40-ton crane bay
- 200-ton press
- 60-ton pullers
- 25,000 lbs. dynamic balancer
- Shaft grinding
- Raw metal stock inventory
- Horizontal lathes
- Metalizing & Welding
- Plasma cutting
- Vertical boring mill
- Milling machines
- Asset storage
- Experienced & trained personnel
- Multiple shift operations that operate 7 days a week



PLANT RELIABILITY & TECHNICAL SERVICES

Predictive & Preventive

- Consulting
- Dynamic balancing
- Electric motor testing (MCE)
 - PdMA
 - All-Test
 - Baker SKF AWA
- Equipment audits
- Laser alignment
- Motor inspections
- Oil analysis
- Reducer inspections
- Thermographic survey
- Training & education
- Vibration analysis

Maintenance Services

- Crane & hoist inspections/repairs
- Dynamic balancing
- Motor/Generator inspections
- Equipment removal & upgrades
- Equipment troubleshooting
- Laser alignment
- On-site maintenance
- Predictive Maintenance (PdM)
- Preventive Maintenance (PM)
- Shutdown assistance
- Start-up commissioning
- Large truck fleet

Value Added Services

- Asset management specialists
- Computerized tracking
- Energy efficiency analysis
- Failure analysis reports
- 5S organization
- Lean manufacturing techniques
- Formal quality assurance program
- 24/7/365 response
- UL certified
- Factory authorized
 - Repair/warranty service
 - "Super Modification Center"

Authorized
Service Partner

Certified Motor Service
Flender Distributor
Mechanical Drives

SIEMENS

STRATEGIC PARTNERS IN RELIABILITY SOLUTIONS

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DECATUR INDUSTRIAL ELECTRIC
KANKAKEE INDUSTRIAL TECHNOLOGY
MT. VERNON ELECTRIC

MANUFACTURERS GUIDE

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Our mission is to be “**The Best**” Strategic Partner in Reliability Solutions to our customers by providing only top quality, world-class, industrial electro-mechanical products and services. In order to provide “The Best”, our company must provide professional electro-mechanical solutions that maximizes reliability and durability while lowering the total cost of ownership (TCO).

Key Vendor Partners

TECO  **Westinghouse**

SIEMENS



SEW
EURODRIVE

 **MOTORTRONICS™**
Solid State AC Motor Control

Danfoss

AEGIS
Demag
Eagle Signal
Ferraz Shawmut/Mersen
Flender

Foote-Jones
General Electric
Conductix/Insul-8
Leeson/Lincoln

Magnetek
Electromotive
Telemotive
Overly Hautz
Reuland

R & M Hoists
US Electric Motors
WEG Electric
AND MORE!

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Service*

Products Sold: Power Distribution and Power Conversion Specialists

AC Motors
AC Inverters
Adjustable Speed Drives
Brakes and Clutches
Busways
Circuit Breakers
-Insulated Case
-Molded Case
-Power
Contactors
Control Panels
Counters/Timers
Crane Control Systems
DC Motors
DC Speed Controllers
Electrical Enclosures
Encoders
Fuses and Fuse Blocks

Gear Motors
Gear Reducers
Hoist Control Systems
Line Reactors
Load Reactors
Motor Control Centers
Motor Starters
Meters
NEMA and IEC Controls
Panel Boards
Photo Sensors
Power Conditioners
Power Conversion
Power Distribution
Power Monitoring
Pressure Switches
Push Buttons
Resistor Banks

Relays
-Reduced Voltage Starters
Safety Switches
Sensors
Servo Motors
Solenoids
Speed Reducers
Supply Systems
Switchgear
-Low Voltage
-Medium Voltage
Tachometer Generators
Temperature Controllers
Terminal Block Systems
Transformers
Uninterruptible Power Supplies

* For a complete list of our vendors,
please visit our website.

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STRATEGIC PARTNERS IN RELIABILITY SOLUTIONS