



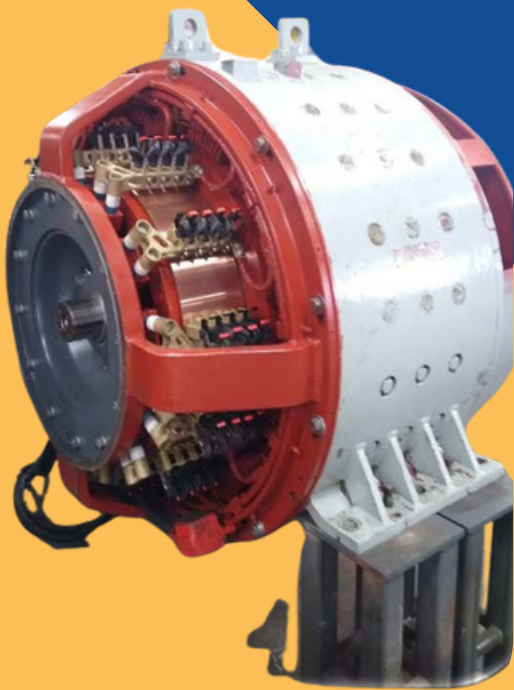
Lebanon Power & Apparatus
Covington Electric
Est. 1963



Division of

AIRHYDRO
POWER
Your Partner for Trusted Solutions

- Lebanon Power remanufactures motors
- Capabilities for AC motors up to 5,000HP/7,200V
- Capabilities for DC motors up to 2500HP/750VDC
- Available 24/7 and offer a wide range of field services



108 Village Way
Lebanon, KY 40033
1-800-775-1071

423 Power Street
Bowling Green, KY 42101
270-842-7147

www.Lebanonpower.com

www.airhydropower.com

OUR FACILITIES

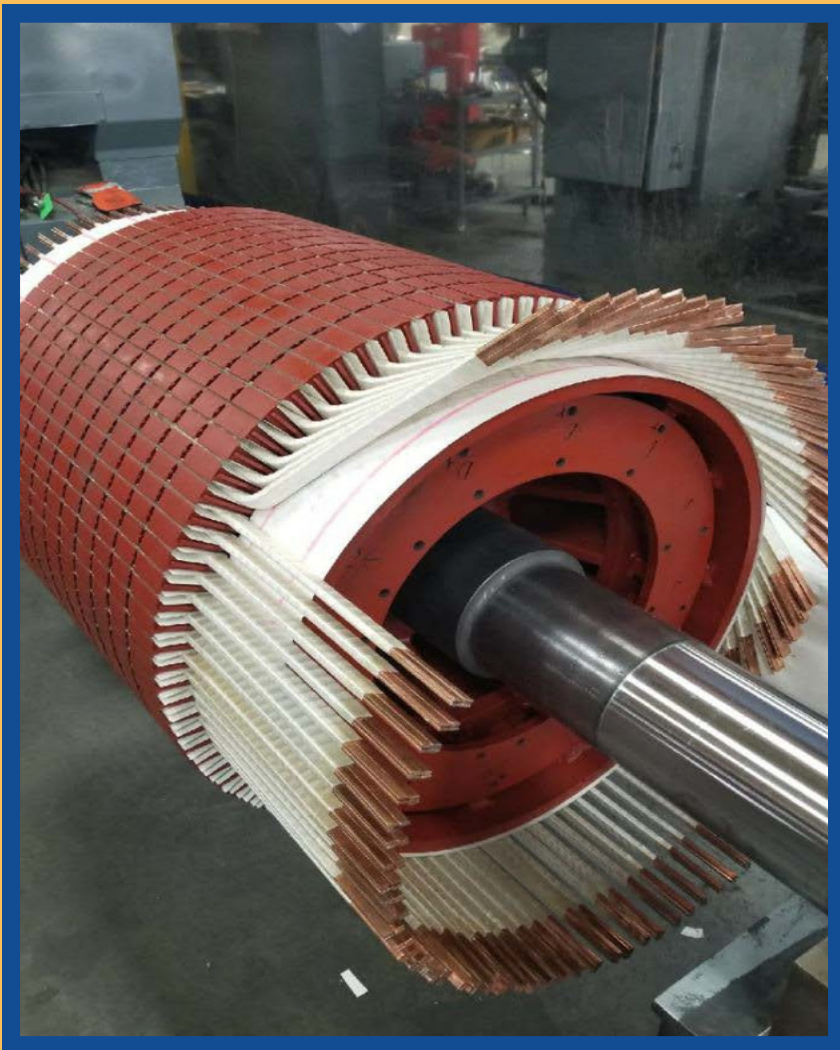
- 17' Lifting Height
- 15-Ton Crane Capacity
- 8' VPI System
- 10'x10' Floor Plate
- 8'X8' Burnout Oven
- 8' x 8' Bake Oven
- 30' x 30' Steam Bay
- Over 75,000 Sq. Ft.
- Complete Machine Shop
- Separated Dirt Room
- Motor Storage Facility
- 52" Samatic Automatic Winding Machine



AC MOTORS

We remanufacture a wide range of AC electric motors. Our capabilities extend from fractional horsepower, up to 5,000HP/7,200V.

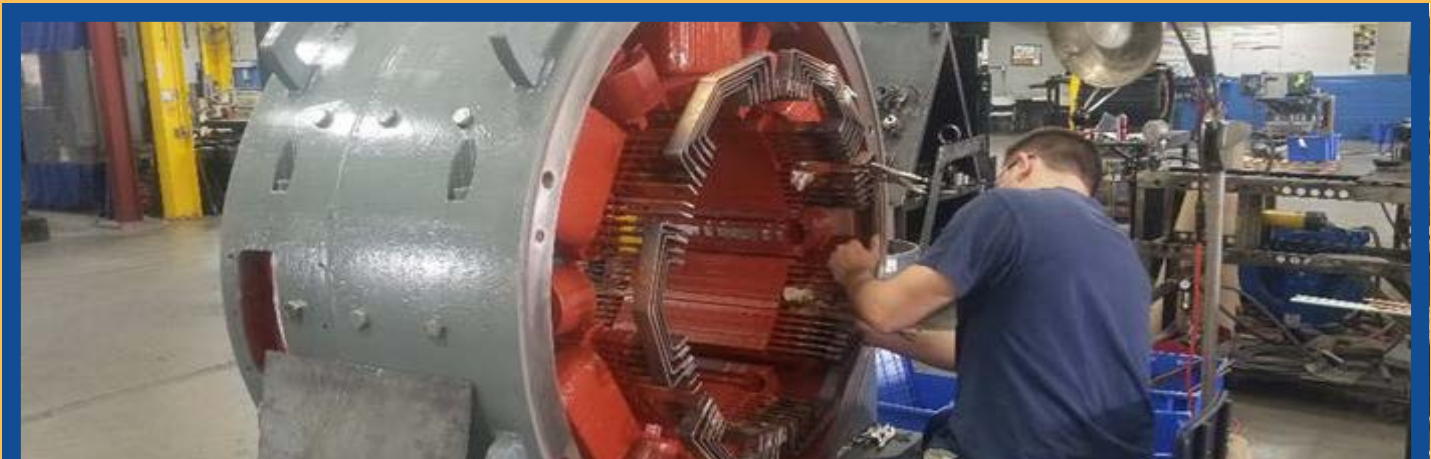
- Random and form-coil rewind
- Synchronous and wound-rotor rewind
- Dynamic balancing on rotors
- Full-load testing capabilities
- Vibration and balance monitoring on all completed motors



DC MOTORS

We remanufacture all varieties of DC Motors. Our capabilities range from fractional horsepower up to 3,800 horsepower at 750VDC.

- Full-load test on all assets
- Surge test comparison on all coils
- Proprietary neutral testing equipment
- Tig-weld all armature connections
- VPI process all rewinds



OTHERS

At Lebanon Power, we provide specialty work including magnets, custom coils, and custom shunts.

- Magnet remanufacturing
- Belt, lifting and custom production
- Magnet rewinding
- Remanufacturing frequency generators
- Make custom shunts:
 - Rectifier, welding and contractor shunts
- Custom coil rewinding: Obsolete contractor coil and brake coils
- Balance fans, blowers, impellers and hammermills
- Custom shaft and machine work to duplicate OEM equipment
- Complete pump rebuilds



FIELD SERVICES

Lebanon power offers complete on-site services for all customers.

- Vibration analysis and reporting
- Laser alignment
- Oil analysis
- On-site balancing
- On-site bearing removal/installation
- On-site equipment installation/removal
- On-site coupling/pulley removal and installation
- Technical educational training
- On-site motor pm, removal, installation



COMPLETE MACHINE SHOP

- In-house machining capabilities
- Custom shaft and machine work to duplicate OEM specs
- Metalizing and welding capabilities- MIG, TIG, ARC welders
- Up to 50" swing x 13' horizontal lathes
- Up to 48" vertical lathes
- 60" Horizontal boring mill
- 60" CNC mill



EQUIPMENT & CAPABILITIES

LIFTING CAPABILITIES:

- 15-Metric Ton Overhead Bridge Crane
- 10-Metric Ton Overhead Bridge Crane
- 8-Ton Overhead Bridge Crane
- Multiple 5,2,&1 Ton Cranes and Hoist

CORE LOSS TESTERS:

- 10 KVA
- 25 KVA
- 75 KVA
- 125 KVA

BURN-OFF OVENS:

- 8'x8x9' Steelman
- 6'x6' Bayco
- 4'x4' Ace

COIL MACHINES:

- 52" Samatic Automatic
- Various other samatic automatic machines
- Numerous manual winding machines

INSULATING SYSTEMS:

- 8' VPI Programmable System
- 6'x6' Varnish Dip Tank
- 4'x4' Varnish Dip Tank

BAKE OVENS

(WITH CHART RECORDERS)

- 8'x8' Steelman
- 6'x6' Steelman
- 5'x5' Steelman

FLOOR PLATE:

- 10'x10' Precision Level

DYNAMOMETERS:

(LOAD TEST EQUIPMENT)

- 700 Horsepower Water Brake
- 50 Horsepower Eddy Current (x2)

STATIONARY BALANCING EQUIPMENT:

- 15,000 lbs Dynamic Research
- 5,000 lbs Dynamic Research
- 3,000 lbs Dynabal

MOBILE BALANCING EQUIPMENT:

- Pruftechnik
- GTI
- Digivibe
- Fluke

TEST STANDS:

- Phenix Test Panel
 - Up to 5,000hp at 7,200V AC, 3,800HP DC
- Jenkins Test Panel
 - 500hp, 600V, 25 Amp Field Supply

TEST EQUIPMENT:

- PdMA
- Baker Surge & Hipot
- Megger Surge & Hipot
- Multiple Portable Resistance Tester
- Clark Neutral Tester
- Comm Profiler

