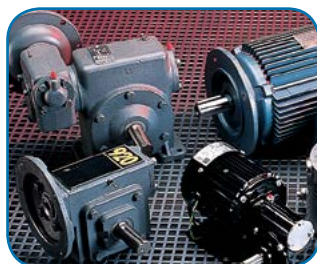


New Motors, Drives and Accessories

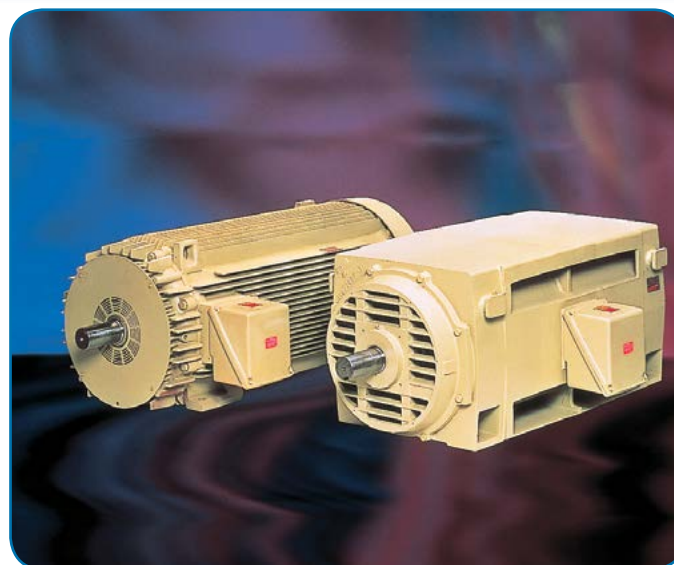


Gear Motors, Reducers, Brakes, and Clutches

There are many different applications that require support for gear motors, reducers, brakes, and clutches. We have the ability to help modify or customize a motor to fit your needs.

Readily available in our inventory:

- Dings
- Stearns
- Warner
- Winsmith
- and other manufacturers...



Extensive Inventory of New Motors, Drives, and Accessories

We maintain a large inventory of standard energy-efficient motors and drives, both fractional and integral horsepower. Our in-house machine shop maximizes our ability to modify any motor to the exact specifications of your application, assuring fast and dependable service and delivery.

- ▶ Large inventory of motors and drives
- ▶ Wide selection of motor transition bases
- ▶ In-house modification of standard motors
- ▶ Energy audits
- ▶ Factory-trained, authorized warranty service center for G.E., Bodine, Baldor, A.O. Smith, Siemens, WEG and other major manufacturers



Large inventory of Drives

Our extensive offering of products and services can accommodate your most challenging variable frequency drive application.

We represent the premier lines in the industry, for both AC and DC requirements, and support those products with a highly experienced engineering staff.

Readily available in our inventory:

- Benshaw
- Bodine
- Cutler-Hammer
- Siemens
- Square D
- Yaskawa
- and other manufacturers...

STEINER

“If we don't have it in stock... chances are no one does!”

www.steinerelectric.com

24 Hour Emergency Service **1-800-STEINER (783-4637)**

www.SteinerElectric.com

STEINER ELECTRIC COMPANY ISO 9001:2000 Registered Firm

Cook County, Illinois

ELK GROVE*	1250 Touhy Avenue, Elk Grove, IL 60007	(847) 228-0400	Fax: (847) 228-1352
CHICAGO	2415 West 19th Street, Chicago, IL 60608	(312) 421-7220	Fax: (312) 666-5027
SOUTH HOLLAND	401 Taft Drive, South Holland, IL 60473	(708) 333-2003	Fax: (708) 333-5452

Kane County, Illinois

ST. CHARLES	3755 Swenson Avenue, St. Charles, IL 60174	(630) 377-6600	Fax: (630) 377-7952
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Lake County, Illinois

GURNEE	4210 Grove Avenue, Gurnee, IL 60031	(847) 623-2028	Fax: (847) 623-7007
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Winnebago County, Illinois

ROCKFORD	6900 Rock Valley Parkway, Loves Park, IL 61111	(815) 633-2900	Fax: (815) 282-2922
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McHenry County, Illinois

CRYSTAL LAKE	200 S. Virginia Road, Crystal Lake, IL 60014	(815) 261-3400	Fax: (815) 459-1500
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Lake County, Indiana

HOBART	1600 Northwind Parkway, Hobart, IN 46342	(219) 947-8800	Fax: (219) 947-2300
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**Corporate Headquarters*

Crown – Industrial Supplies

1-800-323-TOOL (8665)

Steiner Power Systems – Generator Sales, Service & Rental Division

847-956-3098

DataComm – Structured Cabling & Connectivity

847-228-0400

GigaAge – Automated Data Collection Solutions

847-228-0400

24 Hour Motor Repair Service – 24 Hour Emergency Service

1-800-303-MOTOR (6686)

Field Services Division – Preventative Maintenance

1-800-STEINER (783-4637)

Motor Repair New Motors & Drives



STEINER

Total Motor Solutions

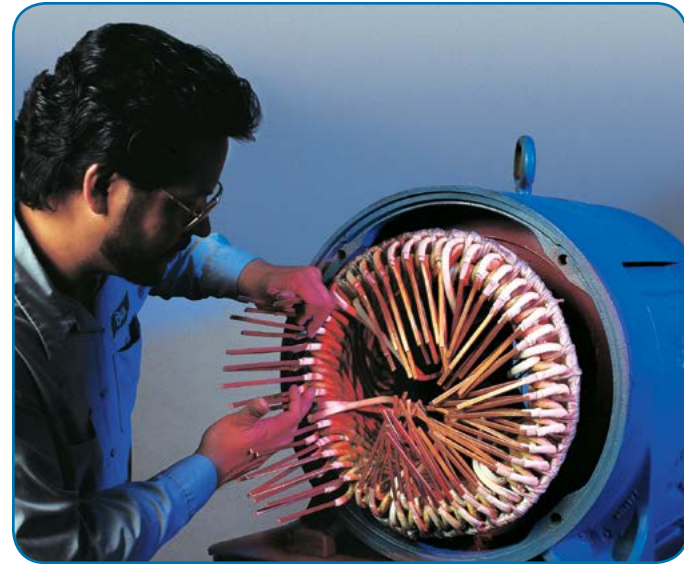
- ▶ Emergency Motor Repair Service
- ▶ State-of-the-Art Testing
- ▶ New Motors and Drives
- ▶ Mobile Technical Repair Services
- ▶ HVAC/R Products
- ▶ Education
- ▶ ISO 9002 Registered
- ▶ Preventative Maintenance Program

Motor Repair and After Hour Service



After Hours Emergency Motor Repair Service

A motor seldom fails at a convenient time. Shutting down a production line or manufacturing process, costing you hundreds of dollars. When this happens, you can depend on Steiner. Our team of knowledgeable technicians are ready with the finest equipment in the industry to get you up and running fast!



Knowledgeable Technicians

Motor repair is a craft that has been passed down generation to generation, but it is also a technology that requires a significant investment in capital equipment and technical training. Our technicians average over 25 years of apparatus and motor repair experience. Our initial inspection includes a cost analysis to determine the value of repairing your motor versus a new motor replacement directly from our extensive inventory. Whether we repair your motor on-site or bring it into our shop, you can be sure that the quality standards of our ISO 9002 certification and EASA procedures are closely followed.

- ▶ After hours emergency motor repair service
- ▶ Full-service apparatus repair
- ▶ Complete machine shop repair and modification
- ▶ In-shop dynamic balancing
- ▶ All windings to Class H standards
- ▶ 2-year electrical warranty
- ▶ 1-year mechanical warranty
- ▶ UL listing for hazardous locations
- ▶ Extensive inventory of carbon brushes
- ▶ Epoxy-based Class H varnish



Pickup and Delivery

In addition to our flat-bed boom truck, our fleet of 40 radio-dispatched trucks provides free pickup and delivery. Our nightly inter-branch transfer system, having six locations throughout Northern Illinois, means we can provide timely delivery of critical motors and parts. Twenty-four hour emergency repair service means that a Steiner truck is always available for immediate response to your needs. Just call 1-800-303-MOTOR.

State-of-the-Art Motor Testing



Digital Phase Comparison and Hipot Tester

This testing procedure provides us with information to determine the electrical category of your motor.

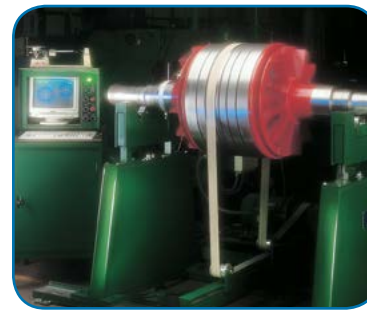
Our continual investment in state-of-the-art equipment assures the highest quality repair. This up-front investment philosophy eliminates your costly downtime.



Technically Advanced Motor Testing Equipment

Final testing under full load conditions is the most reliable way to test the quality of the repair. Our in-house motor testing capability, which includes a custom designed dynamometer, is the largest in Illinois. Upon request, full load testing from 100 to 1000 Hp AC/DC is available. The ability of the dynamometer to simulate your actual operating condition of your motor before it leaves our shop, insures the quality of the repair.

- ▶ 1000 Hp water-cooled dynamometer
- ▶ 540 to 3600 rpm capacity
- ▶ 100 to 1000 HP AC motors
- ▶ Vibration analysis
- ▶ Laser Alignment
- ▶ Temperature and speed feedback
- ▶ Software driven with fully computerized, immediate test results including amps, volts, and torque
- ▶ Variable frequency power source.



Dynamic Balancing

Regulating consistent temperature levels during the stripping, curing process, precision balancing, and core loss verification are standard procedure. During the final testing, we again evaluate each motor, to assure that the performance level conforms to a like-new condition before your motor leaves our shop.



Mobile Technical Services

"Total responsibility" means we provide emergency service, on-site repair, trouble-shooting, and start-up support for AC/DC variable speed drives, and soft-start systems – seven days a week. Our technicians are certified to service most major lines.

- Troubleshooting and repair of AC/DC drives and soft-start systems
- Fully equipped technical services support van
- Factory-trained, authorized service technicians
- Full electronic field service and service center repair
- Drive repair
- Drive start-up services
- Emergency service and on-site repair
- Factory-trained authorized warranty service center for Benshaw, Bodine, Yaskawa, Square D, Cutler Hammer, Siemens and other major manufacturers

Field Service and Preventative Maintenance



Motors/Drives Field Service and Preventative Maintenance

Our customers can count on us for factory-trained, knowledgeable personnel, and the most technically advanced equipment. By having each critical motor identified and scheduled into a PMP (Preventative Maintenance Program), Steiner will respond fast, reducing costly downtime when a critical motor or drives fails and is in need of emergency repair service. As part of our commitment, we also provide application support and training, either at your site or on our Technical Education Center. Ask your Steiner representative for our course schedule with a detailed listing of classes.

- ▶ After hours emergency motors/drives repair service
- ▶ On-site removal and installation
- ▶ Laser alignment
- ▶ Dynamic balancing
- ▶ Vibration analysis maintenance program
- ▶ Electrical instrument testing
- ▶ Preventative maintenance program
- ▶ In-house and on-site technical training



Preventative Maintenance Program

No one likes surprises when it comes to critical motors. A Preventative Maintenance Program is tailored to the specific needs of each customer. After conducting a survey of your most critical equipment, we will submit a written proposal outlining a detailed maintenance program – including costs, maintenance intervals, motor inventory, and suggestions for keeping your equipment in good working condition in order to reduce costly downtime.