



**OHIO**  
MAGNETICS



**OHIO**  
MAGNETICS

**RE-MAG**  
MAGNET REPAIR PROGRAM

## The Economics Behind A Quality Rebuilt Magnet.

Purchasing agents often question the wisdom of having a magnet rebuilt: Is it a prudent investment? Will a rebuild perform as well as a new magnet? The answer is definitely, to both questions. Especially if it has been put through the Ohio Magnetics' Remag Program. Not only is the performance of an Ohio rebuild virtually the equivalent of a new magnet, but the economics make it a wise investment. An Ohio rebuild averages between 15% and 25% of the cost of a new magnet. In any economic times, savings such as these cannot be overlooked. Before you decide that a new magnet is your only option, consider an Ohio rebuild. Let us diagnose your magnet's condition. We'll give you an honest, straightforward answer on the feasibility and economy of a rebuild. And you can't beat the price of an Ohio rebuild diagnosis—it's free.

### How To Begin

Arranging for a rebuild diagnosis is as simple as calling Ohio Magnetics or your Ohio Magnetics' representative. He will discuss your present application and needs and ask about any planned changes in your operating system, in the event that an upgrade might be required. After the initial interview and analysis, he will supply you with special shipping tags, then arrange to have your magnet shipped for inspection.





## Your Preliminary Inspection

When your magnet is received for inspection, the Ohio engineering staff prepares a detailed description of your unit, electrical readings are taken, a thorough mechanical inspection is done, and photo documentation of the project begins. After the initial inspection is completed, a decision is made as to whether or not your magnet must be opened. At this time, a preliminary suggested course of action is made and estimates on the procedures are quoted.



## Your Possible Courses Of Action

Three basic courses of action are possible:

**1.** The bake out: Moisture inside your magnet may be the cause of malfunction. If this is the case, we will bake out the magnet and run an 8-hour heat cycle analysis. This simple low-cost action may be all that is necessary to “save” your unit. There is a 3-7 day turnaround time on a “save” unit.

**2.** Terminal replacement: Your magnet may not need even a bake out. The problem may be a matter of bad terminals. If this is the cause of the problem, we will replace the leads and terminals and return the unit to you for a nominal charge. Turnaround time is 3-7 days.

**3.** Teardown: If opening your magnet is essential—and upon your authorization—we will open the unit to evaluate the potential for a complete rebuild and its economic feasibility. A thorough detailed engineering evaluation will be prepared that outlines all procedures to be taken and the extent of repairs needed to bring the unit back to original mechanical and electrical performance. Cost efficiency is our guide, and Ohio always re-uses as much of the original unit as possible to help reduce your costs. After the teardown is completed and the inspection made, a written recommendation and detailed quotation is supplied to you for review by you and your staff.

**NOTE:** If your old magnet is beyond repair, or if a rebuild would be a questionable action, we will tell you as soon in the inspection process as possible. In the event that you choose to replace your old magnet with a new unit, your Ohio representative will be happy to advise you on the best type of magnet for your operation, and he can offer you an attractive incentive on a new Ohio Magnetics unit.





## Your Quotation

Your Ohio quotation is more than a bottom line rebuild cost figure. In addition to the quotation on rebuilding your magnet back to original manufacturing specifications—or better—your quote delivers details on the probable cause of the unit's failure, suggested actions to prevent repeat failures, and procedures on how to improve your magnet's performance. If your original design is outmoded for your current needs, we will offer suggestions for upgrades and quote on improvements and alternatives.



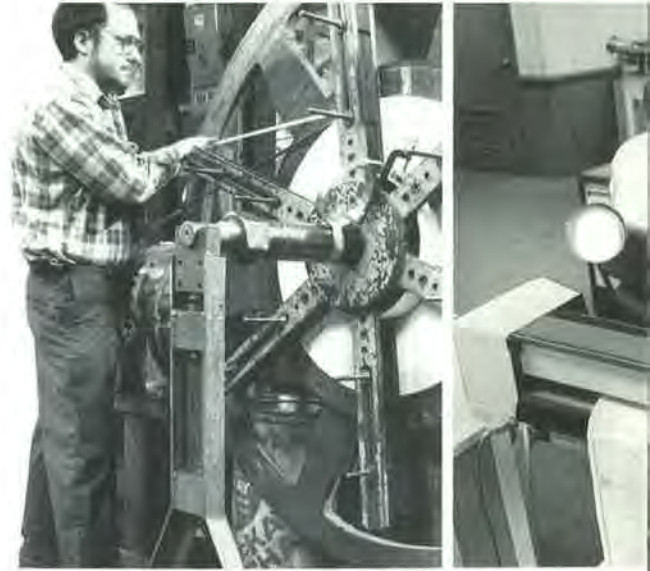
## Your Technical Support

The technical support that Ohio offers centers around the belief that proper handling of equipment and scheduled maintenance are essential to keeping repair costs under control and your downtime to a minimum. Intensive training seminars, conducted by Ohio personnel, are offered, and the sessions can be held at your facility or ours, whichever is most convenient for you. Naturally, there is no charge for Ohio's technical support.

- 1.** Equipment operation seminars: Ohio's operation seminars concentrate on educating your employees about how magnetic equipment works, the proper use and handling of the units, and ways of avoiding abuse and misuse of the lifting magnet.
- 2.** Preventive maintenance seminars: These were developed to educate your employees on how to get maximum performance out of your equipment, and how to maintain the magnet to keep it up and fully functioning.
- 3.** Scheduled inspections/surveys: Your Ohio representative can arrange periodic surveys of your operation and inspection of all your magnets. These scheduled programs include systems checks, wear surface monitoring, review of your preventive maintenance program, and a study on the need for upgrading to meet your changing, growing needs.

## Your Rebuild Program

The actual rebuilding of your magnet is where Ohio Magnetics' expertise and 70-plus years of experience pay off. Working from a meticulously detailed shop order, the demanding process of rebuilding calls upon a team of craftsmen unsurpassed in the industry. Every step in the operation, from the initial precision machining, to the final critical and exacting welding of the magnet shut, is done by experienced experts. And every step is tested mechanically, electrically, and dimensionally to assure that the unit's performance will be as good as, or better than, originally specified.





## Your Warranty

Your Ohio Magnetics, Inc. warranty covers the replacement and/or repair of any defects in parts or manufacturing which may cause equipment failure for a period of one year from the date of shipment. All failures will result in a thorough written report describing the cause of failure, as well as full preventive maintenance techniques.

## Your Ohio Rebuild Magnet

Your Ohio rebuild may not be cosmetically perfect, but the Ohio rebuild nameplate tells you that your magnet will perform mechanically and electrically to original specifications—or better—and your warranty tells you that Ohio stands behind the integrity of their work. When you have an Ohio rebuild you can rest easy knowing that you have a top quality magnet, rebuilt by the finest technicians and craftsmen in the industry.





SUBSIDIARY OF **HBD** INDUSTRIES, INC.

5400 Dunham Road  
Maple Heights, OH 44137-3687

Phone: 800/486-6446

Fax: 216/662-2911 or 216/662-9526

E-Mail: [sales@ohiomagnetics.com](mailto:sales@ohiomagnetics.com)

Websites: [www.ohiomagnetics.com](http://www.ohiomagnetics.com) • [www.hbdindustries.com](http://www.hbdindustries.com)