



## UNIT EXCHANGE: **MAGNET**

**"Lift"** your profits and **"Raise"** your expectations by participating in the **Winkle Industries Lifting Magnet Exchange Program**. Winkle Industries will guarantee increased productivity and improved efficiency as part of the many benefits associated with this cost savings program.

**Winkle Industries** understands the importance of minimal downtime and reduced operating costs. In an effort to provide the highest level of support and service to our customers, **Winkle Industries** has offered and successfully secured **"Lifting Magnet Exchange Programs"** for the Iron, Steel and Scrap Industries. Each program can be exclusively tailored and uniquely designed to meet your requirements.

### Program Features and Benefits:

- Extensive inventory of circular magnets ranging in size from 12" to 93" diameters are available.
- Includes *all* models and types of industrial magnets from bipolar and rectangular to coil lifter and specialty application magnets.
- Competitive and fixed pricing for participants in the exchange program.
- No up front costs. We can provide the initial inventory to start the exchange program.
- Reduced inventory expenses. Our vast inventories of lifting magnets are available for immediate shipment. We stock magnets so you don't have to.
- All factory exchanged lifting magnets meet or exceed OEM specifications and carry a 1-year warranty.
- Pick-up and Delivery. Simply call us with the necessary lifting magnet data and we will take care of the rest.

### Data Required for Unit Exchange:

When contacting Winkle Industries to arrange for a unit exchange, the following information will be required:

- Magnet Size
- Magnet Manufacturer
- Magnet Data - voltage, cold amps, weight, power, suspension
- Application - scrap, slag, structural, coil
- Crane Data - type, capacity

Once this data has been obtained, we will arrange to have a unit meeting the necessary criteria shipped to your operation. Arrangements will also be made to pick-up the exchange unit for credit and return to our facility.



### Magnet Selection:

When choosing a lifting magnet for your application, the type of material to be handled and the material temperature is required. For other applications requiring a high level of safety, please contact Winkle Industries and one of our knowledgeable engineers will assist you in the selection process.

### Magnet Controls:

In order to ensure the proper lifting magnet is selected, information on existing controls is important. Power supply and the size of the magnet controller are critical to the operation of the magnet. The formulas in the sidebar will allow you to calculate power and current range for the lifting magnet. This will guarantee that the lifting magnet will function within the correct electrical guidelines.

Our extensive knowledge of Magnetics includes ancillary magnet controls and related parts for all Original Equipment Manufacturers. Please contact the factory or one of our trained salesmen for additional information or assistance.

#### Ohms Law:

$$V = I \times R$$

$$V = \text{Volts}$$

$$I = \text{Current}$$

$$R = \text{Resistance}$$

#### Power Requirement:

$$W = V \times A$$

$$W = \text{Watts}$$

$$V = \text{Volts}$$

$$A = \text{Current}$$