

## OUR BRAND VALUES

### LOYALTY, DEPENDABILITY AND TRUST

Our culture of loyalty promotes lasting careers at Industrial Magnetics, which helps staff form longstanding relationships with customers who know us by name. Customers can depend on us to provide timely service, around-the-clock technical support and durable products that last. Thanks to our knowledgeable experts with decades of industry experience, customers trust the quality and accuracy of our recommended solutions.

Industrial Magnetics, Inc. is an industry leader in providing both permanent magnets and electromagnets for work holding, lifting, fixturing, conveying and magnetic separation. At IMI, our specialty is custom fabricating! We design, engineer and manufacture magnetic assemblies and magnetic separation devices for our customers' specific requirements, and take pride in the quality and performance of our products. With worldwide distribution through a combination of a direct sales force and manufacturers representatives, we strive to provide personalized service and innovative solutions to meet the exact needs of your application. **THREE PRODUCT GROUPS, ONE GOAL...the right product for the application at the right time for our customer**



IMI is proud to be a United States - based manufacturer of magnetic assemblies and our USA M.A.D.E.™ logo is how we like to show it. You will find our USA M.A.D.E.™ logo on any of our products that are **Manufactured • Assembled • Designed • Engineered** here, in the USA, at our facilities.

### TABLE OF CONTENTS

» Magnet Basics & Safety .....	2-3
» Cutting Table Devices .....	4-5
» Permanent Ceramic Magnetic Lifts.....	6
» Permanent Rare Earth Magnetic Lifts .....	7-9
» FX Series Lifting Magnets .....	10-15
» Walker Lifting Magnets.....	16-17
» Permanent Magnetic Sheet & Small Plate Lift Systems .....	18-19
» Cutting Tables Loading/Unloading Systems.....	20
» Heavy Plate Handling & Lifting.....	21
» Lifts for Heavy Tubes, Structural Profiles & Bundles .....	22-23
» Lifts for Hot Plates & Billets .....	24
» Lifts for Coils & Large Billets .....	25
» Heavy Lifting .....	26
» Walker Scrap Lifting Magnets .....	27-28
» Lift Magnet Systems Controls .....	29
» Walker Magnet Service & Repair.....	30
» Transporters & End of Arm Tooling.....	31-32
» Permanent Magnetic Tube Lifters & Palletizers/Depalletizers .....	33
» Custom Magnet Lifting Specialists.....	34
» Lifting Accessories.....	35
» Manhole Cover Lifts .....	36
» Manhole Cover Lift Products.....	37

## MAGNET BASICS & SAFETY INFORMATION

### LOSS OF MAGNETISM

Under normal use conditions, a permanent magnet can experience a decrease in its original holding value. The most common factors which can cause a loss of strength include:

- » Every day wear and tear on the magnet face.
- » Exposure to extreme temperatures outside the magnet's temperature range.
- » Severe blow or shock to the magnet. Do not use a blunt instrument to position the magnet on the load.
- » Exposure to electrical currents. Never place the magnet next to a large motor or generator. Never use the magnet as part of a welding ground circuit.
- » Exposure to vibration.