

# Magnum Induction

## Defining the Cutting Edge in Induction Heat Treating

It's hard to say which was more frustrating – watching the wasteful, inefficient production methods or the daily battles between union and management workers. Either way, the secure, constricting job as a heat-treat supervisor at a major automotive manufacturer was becoming increasingly at odds with his own ambitions. So, with grit and determination inversely proportional to his bank-account balance, Jack Muller opened his own induction heat-treating company near Detroit, Mich. That was 32 years ago.

### Formation and Evolution

Induction Engineering, Inc. opened in 1975 and thrived by serving primarily the automotive industry. Fifteen years later, Mr. Muller realized the opportunity in diversifying into non-automotive industries such as mining, agricultural, off-road, marine, aerospace/aircraft and alternative energy. Thus, in 1990, Magnum Induction Inc. was formed and prospered.

Mr. Muller explains: “To make this endeavor possible, we began purchasing larger power supplies with varying frequencies, then we continually designed and built specialized equipment and tooling. Innovative thinking also gives us the flexibility to quickly reconfigure our extensive inventory of equipment for a variety of applications.” To consolidate resources, the sister companies merged in 2007, retaining the name Magnum Induction Inc.

Magnum Induction is ISO/TS 16949:2002 certified and CQI-9 compliant. Following these quality procedures allows Magnum to achieve conformity, repeatability and verification throughout the induction heat-treat process.

### One-Stop Induction Shop

According to Mr. Muller, Magnum's team members share the spirit of innovation, always looking for better ways of doing things. “Our history has proven that we welcome the opportunity to develop processes for the unique or extremely difficult requirements. One of our valued customers, a major U.S. mining-equipment supplier, literally traveled around the world searching for an induction heat-treat supplier who could meet their exacting specifications for a very large, unusually configured part. Their transcontinental journey ended here at Magnum Induction.”

Today, Magnum Induction operates from two locations in southeast Michigan, servicing all areas of induction heat treating from prototypes and high-volume production to unusual and unique applications. In fact, a 15,000-square-foot addition is nearing its final stages at the New Baltimore facility, bringing the total capacity to 70,000 square feet.

### Company Pride

Magnum Induction is proud to be:

- A 30-year MTI member
- A family owned and operated business for three generations
- ISO/TS 16949:2002 certified
- CQI-9 compliant
- A member of the American Gear Manufacturers Association

**For more information:** Magnum Induction Inc., 51517 Industrial Drive, New Baltimore, MI 48047; phone: 568-716-4700 – and – 14 Ash Drive, Smiths Creek, MI 48074; phone 810-364-5270; web: [www.magnuminduction.com](http://www.magnuminduction.com); e-mail: [sales@magnuminduction.com](mailto:sales@magnuminduction.com)

