



GRAPH-*HEX*TM
LARPEN METALLURGICAL SERVICE

The Industry Leader of Graphite and Carbon Additives through out North America.



Our Mission:

As a family run business, we believe that the personal element is key to a successful business relationship. Our goal is to provide our customers with the best quality, price, and service to not only meet but also exceed their expectations on a daily basis. By focusing on the individual needs and demands of each customer, we provide a personalized service level that raises the bar for the entire industry. Using our ISO methods, we shall achieve this goal through providing consistent quality, on time delivery, competitive pricing and continuous improvement of our quality system.

Our Vision:

Larpen Metallurgical Service is the leading supplier of graphite products and carbon additives throughout North America. With our growing line of GRAPH-HEX products we provide a reliable product that produces excellent results. LMS also supplies low sulfur petroleum cokes, silicon carbide, and other related materials. As an ISO 9001:2008 certified company, we continually work to provide consistent and quality products to meet our customers' needs.

Company History

Larpen Metallurgical Service was founded in 1962, supplying Magna flux and other testing equipment. Over the next couple years, Larpen Metallurgical Service became a distributor of various foundry suppliers. Beginning in 1986, LMS began processing graphite at a facility in Kewaskum, WI. Due to the increased demand through the success of our graphite products, LMS was relocated shortly after to a new manufacturing facility in Hartford, WI. In an effort to expand our product range, in 2000 LMS introduced GRAPH-HEX, a new brand of graphite products to the metal casting industry.

Through the success of our GRAPH-HEX products, in 2005, LMS became the leading supplier of graphite and carbon products to the iron and steel industry in North America. In 2006, an expansion was made to our Hartford, WI manufacturing facility to accommodate our sales growth. In 2007, LMS opened a new manufacturing facility in Galena Park, Texas to supply the increased demand of our GRAPH-HEX products in Mexico. In 2012, an effort to continuously strive for growth, LMS decided to open a manufacturing facility in China to begin marketing our GRAPH-HEX brand globally. In early 2013, a production facility in Mulga, Alabama was completed to supply the demand of our GRAPH-HEX products in southeastern U.S.



Services:

Larpen Metallurgical Service offers many advantages:

- Largest selection of high quality economical products
- Cost efficient and convenient shipping locations through our facilities. Our facilities are located throughout the United States, and China.
- Wide variety of products tailored to our customer's processes
- Diverse packaging and delivery options that include paper bags, bulk bags, bulk trucks, containers, and barges.

Larpen focuses on the most crucial areas to fulfill our customer's expectations and needs.

- Quality Assurance – All GRAPH-HEX products are specifically manufactured under strict ISO 9001:2008 certifications. All of our manufacturing operations perform under stringent quality systems to sustain and control absolute quality control of our products. With our laboratory located on site, all of our products are tested in our LECO SC-632, oven for moisture, and ro-tap sieve testing.

Inspection standards include:

- Carbon
- Sulfur
- Ash
- Volatiles
- Nitrogen
- Moisture
- Grain Sizing
- Date Codes
- Weight



- Solutions – GRAPH-HEX offers the most complete range of graphite and carbon products throughout the world. Utilizing our world wide sourcing of the highest quality raw materials combined with state-of-the-art manufacturing facilities, and quality control enables our customers to receive the highest quality economical product in the market. The creation of the GRAPH-HEX product line was to fulfill not only the growing demand of our products but to provide our customers with an economical benefit.
- Consistency/Reliability – Larpen Metallurgical Service is the current industry leader in graphite and carbon products with a proven history since 1962. It is Larpen's goal to provide 100% on time delivery and technological expertise.



- Diverse Distribution –Consisting of three Manufacturing facilities and six warehouses throughout the United States and also our facility in China, combined with quick deliveries and freight savings, enables availability of our products worldwide.

The Industry Leader of Graphite and Carbon Additives through out North America.

Our Products:

GRAPH-HEX: The Most Economical High Quality Carbon Additive On the Market.

1. The GRAPH-HEX product was developed through our expertise in 2000 as an economical source of high quality recarburizers for the foundry and steel industries.
2. GRAPH-HEX products consists of wide ranges of recarburizers that are manufactured through carbon additives graphitized at high temperatures from only the highest quality raw materials.
3. GRAPH-HEX covers a complete range of recarburizers used throughout the Iron and Steel industry. With the capability to specifically design products to individual customer needs our product line consists of over 50 products. GRAPH-HEX encompasses wide ranges of carbon additives from sulfur contents to as little as less than 0.02% and up to 4.0%.
4. GRAPH-HEX products offer the following advantages:
 - a. High carbon recovery
 - b. Rapid dissolution
 - c. Low ash
 - d. Low sulfur
 - e. Low nitrogen
 - f. Low hydrogen
 - g. Consistency
 - i. Economical savings
 - j. Reduced carbon consumption, tap-to-tap time, scrap rate



Other Products:

- Low sulfur pet coke
- Silicon carbide



Applications:

Ductile and Gray Iron

- Recarburizer
- Nucleation
- Injection
- Trough additions
- Ladle additions



Steel

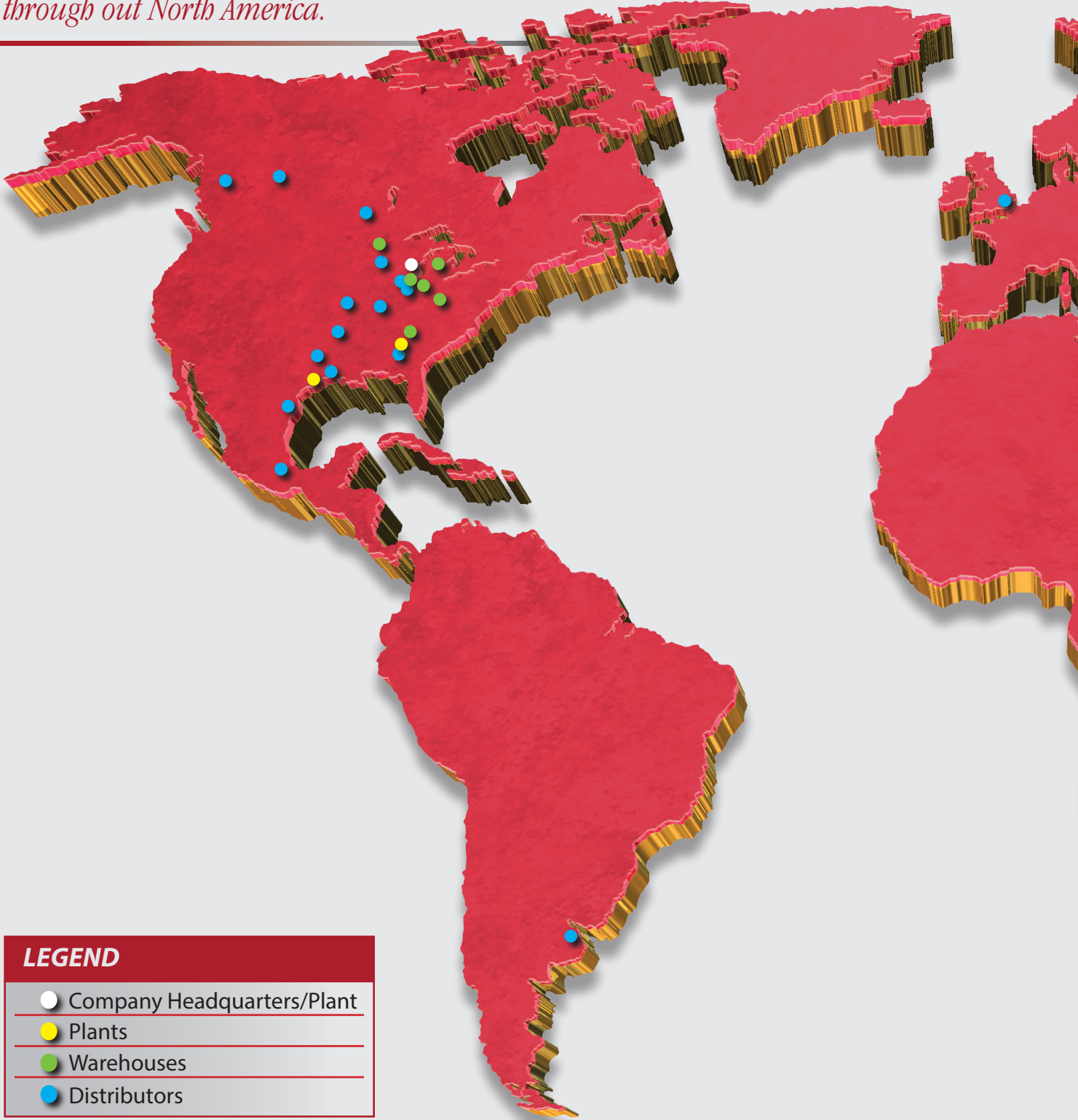
- Ladle additions
- Charge carbons



The Industry Leader of Graphite and Carbon Additives through out North America.

Larpen Metallurgical Service is the industry leader in graphite and carbon products through out North America.

Ostrava, Czech Republic

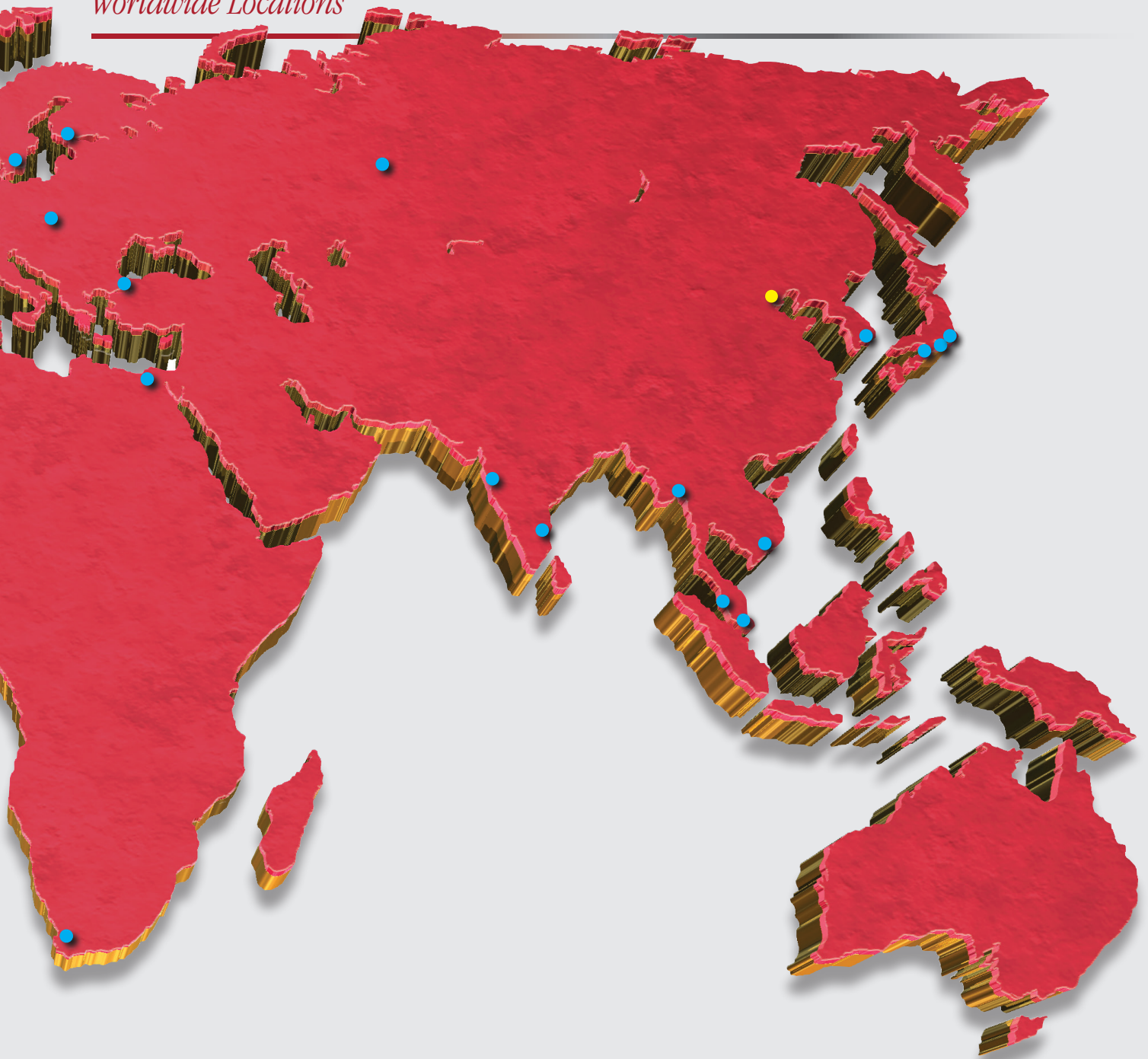


LEGEND

- Company Headquarters/Plant
- Plants
- Warehouses
- Distributors

olic

Worldwide Locations



All of Larpen Metallurgical Service locations are ISO 9001:2008 certified or compliant.

The Industry Leader of Graphite and Carbon Additives through out North America.



GRAPH-HEXTM

LARPEN METALLURGICAL SERVICE

Contact:

Headquarters Office
Larpen Metallurgical Service
1111 Western Drive
Hartford, WI, 53027, USA

Phone: (262) 673-9709 Fax: (262) 673-9710

sales@larpen.com www.larpen.com



The Industry Leader of Graphite and Carbon Additives through out North America.