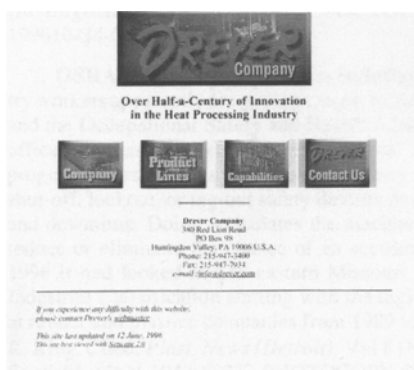


Michigan Induction has a home page located at <http://www.industry.net/michigan-induction> contains links to a corporate profile, a listing of capabilities and services, quality ratings, news, an on-line sales brochure, a section about induction technology, and fax/e-mail capabilities to contact the company. Users must complete a registration for free membership in Industry.net to use most of the site. For further information, contact: Eric Hutton, Sales Engineer, Michigan Induction, 8468 Ronda Dr., Canton, MI 48187; tel: 313/459-8514; fax: 313/459-8795.

The **Drever Co.** site at <http://www.drever.com> profiles the company and its annealing, heat treating, and furnace products. A company page shows locations of subsidiaries, representative offices, licensees, and facility locations. Another page describes 14 product lines, with photographs. A capabilities page describes technology improvement efforts by the company's engineers. For more information, contact: Drever Co., 380 Red Lion Rd., P.O. Box 98, Huntingdon Valley, PA 19006; tel: 215/947-3400; fax: 215/947-7934.

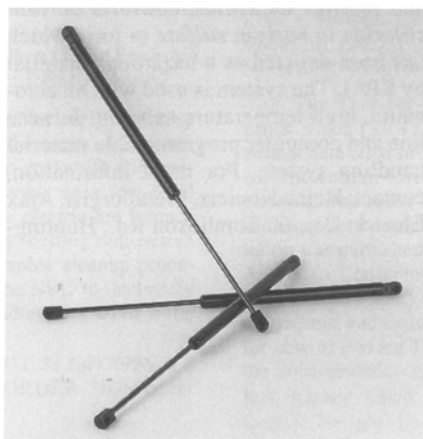


Drever Company

Marathon Monitors, a specialty manufacturer of process control equipment for heat treating, has *acquired the oxygen sensor business of AACC/Zircoa*. For further information, contact: Marathon Monitors, 3100 E. Kemper Rd., Cincinnati, OH

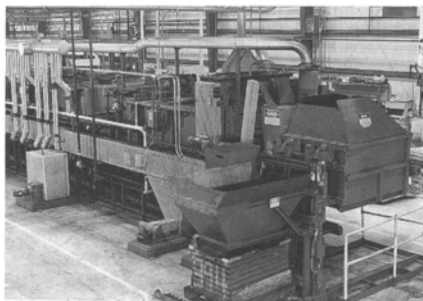
45241; tel: 513/772-7788 or 800/322-4444; fax: 513/772-7853.

Suspa will be giving series 16 cylinders a *black nitride treatment to double their corrosion resistance*. The treatment has been shown to have twice the performance in salt spray testing of chrome plating, the previously used surface cover. The black nitride treatment does not produce the hazardous waste that chromeplating does. For more information, contact, the Diversified Components Group, Suspa Inc., 3970 Roger Chaffee Dr. S.E., Grand Rapids, MI 49548-3497; tel: 616/241-4200; fax: 616/531-3310.



Suspa Inc.

Nucor Bearing Products, a manufacturer of turned rings and hubs for the bearing industry, will increase their production capacity with the purchase of the second *Roller Hearth Spheroidizing Annealing*



Nucor Bearing Products

Furnace for their plant in Wilson, NC. Each furnace processes 2100 lb/h of bearing rings. The furnace lines are equipped with an automatic load and unloading system, and a return conveyor under the furnace for continuous throughput of product. The furnaces use automatic and programmable controls. For more information, contact: Seco/Warwick Corp., 180 Mercer St., Meadville, PA 16335.

High-temperature air, to 1000 °C (1832 °F) can now be used for heating convective furnaces instead of pollution-causing combustible gases. **Micropyretics Heaters International** offers a *hot air electric blower that can be used to retrofit gas-fired furnaces*. Several sizes and power units are available. The versatile blower can also be used to surface heat treat parts with a repetitive function. For further information, contact: MHI, 1776 Mentor Ave., Cincinnati, OH 45212; tel: 513/631-6065; fax: 513/631-0505.

According to a report from the **Metal Treating Institute**, *total sales for the metal treating industry were essentially unchanged in the first six months of 1996*, at \$373.8 million, from the first half of 1995, when sales were \$373.9 million. Billings in June 1996 were down 0.9% from the same month in 1995. By geographic region, the Pacific coast, the southwest, and Canada bucked the trend by reporting higher first-half 1996 totals than in the year-earlier period. For more information, contact: MTI, 1550 Roberts Dr., Jacksonville Beach, FL 32250-3222; tel: 904/249-0448; fax: 904/249-0459; e-mail: metaltreat@aol.com; web: <http://www.industry.net/metaltreat>.

Lindberg Corp.'s Minneapolis, MN, facility is the company's seventh *heat treating division to be awarded ISO 9002 registration*. Five of the company's heat treating divisions have been awarded National Aerospace and Defense Contractors Accreditation Program registration, and its Impact Industries division received the first QS 9000 award for a die casting operation. For further information, contact:

Lindberg Corp., 6133 N. River Rd., Ste. 700, Rosemont, IL 60018; tel: 847/823-2021; fax: 847/823-0795.

Custom Electric Manufacturing has available *seamless radiant tubes for gas-fired systems operating up to 1250 °C (2280 °F)*. Extruded from Kanthal APM FeCrAl alloy, the radiant tubes provide higher resistance to corrosive atmospheres and higher temperature stability than tubes of nickel-chrome alloys. For further information, contact Vic Strauss, Manager, High Temperature Products Division, Custom Electric, 48973 West Rd., Wixom, MI 48393-3555; tel: 810/305-7700; fax: 810/305-7705.

Drever Co., Huntingdon Valley, PA, a manufacturer of thermal processing furnaces, has designed, constructed, and shipped a *24 in. mesh belt-type furnace for stainless steel tubing* to Plymouth Tube Co., Salisbury, MD. A duplicate furnace will be shipped in Nov 1996. This mesh belt-type furnace is rated to bright anneal 1500 lb/h of austenitic stainless steel tubing, and includes a variable speed convection cooling section.

Seco/Warwick Corp., Meadville, PA, has formed a joint venture with **Central Furnaces**, Birmingham, U.K. The partnership will supply aluminum heat processing equipment and services to the European market.

The TMC-2000 controller from Tocco for *Toccontrol induction scan hardening machines allows an operator with no previous CNC experience to program, store, and retrieve up to 10,000 individual part files*. This DOS-based system allows an operator to enter 50 steps or instructions for each part to be induction heated. For more information, contact: Dennis Augustin, National Sales Manager, Tocco, P.O. Box 447, Boaz, AL 35957; tel: 205/593-7770.

A system from **Ajax Electric**, a manufacturer of salt bath technology for the metals and plastics industries, *converts barium chloride to barium sulfate* (a form which has been delisted as a hazardous material by EPA). The system is used with an automatic, high-temperature salt bath furnace line and computer programmable material handling system. For more information, contact: Heinz Kopietz, Metallurgist, Ajax Electric Co., 60 Tomlinson Rd., Hunting-

don Valley, PA 19006; tel: 215/947-8500 x112.

A 220-line electric furnace from Carbolite provides continuous annealing facilities for 550 lb of stainless steel wire an hour. The furnace anneals wire from 0.0625 to 0.25 in. diameter through each of the 22 process tubes. The furnace has a 19 ft heated section that operates to 2100 °F, a hydrogen gas system, and a 13 ft 4 in. cooling section. The heated section has 90 wire spiral elements cemented onto ceramic support tubes. The Inconel work tubes are supported on silicon carbide tiles. The furnace is divided into six heating zones. For more information, contact: Carbolite Inc., 110 S. 2nd St., Watertown, WI 53094; tel: 414/262-0240; fax: 414/262-0255; e-mail: sales@carbolite.com.

The IGBT from **Tocco** is a *power supply for higher frequency induction heating applications in which narrow heat patterns must be precisely controlled*. Units are rated at 10 kHz to 2.5 MW, 25 kHz to 2.0 MW, 50 kHz to 750 kW, and 80 kHz to 300 kW. For more information, contact: Dennis Augustin, National Sales Manager, Tocco, P.O. Box 447, Boaz, AL 35957; tel: 205/593-7770.
