
Hotspot

Bodycote Hinderliter Inc. has acquired **Techni-Braze Inc. (TBI)**, Santa Fe Springs, CA. TBI specializes in *vacuum, induction, and hydrogen heat treating and brazing* for the aerospace, defense, and medical industries. For more information, contact: John Hubbard, Bodycote Hinderliter Inc.; tel: 214/904-2427.

To serve industrial heat processing customers in the Pacific Rim, **Seco/Warwick has opened a sales office in Australia.** Seco/Warwick Ltd. Pty. (Australia) is located at Fairbank Rd., Clayton, Victoria 3168; tel: 61/(0)3/9551-8200; fax: 61/(0)3/9551-8400.

Seco/Warwick has issued the Spring/Summer 1997 edition of *Metal Minutes*, its *heat processing equipment newsletter*. The current edition features articles on magnesium recycling, spheroidize annealing, aluminum foil annealing, and vacuum furnace hot zone design, as well as seminar and trade show schedules. For a copy, contact: Beth Manuel, Seco/Warwick Corp., 180 Mercer St., Meadville, PA 16335-3618; tel: 814/332-8437; fax: 814/724-1407; e-mail: secowarw@gremlan.org.

Michigan Induction, a commercial induction heat treat corporation, *has added four induction hardening power supplies* (three 250 kW to 10 kHz and one 300 kW to 3 kHz) that will be used to expand automotive production and prototype capacity. For more information, contact: Michigan Induction, 8468 Ronda Dr., Canton, MI 48187; tel: 313/459-8514; fax: 313/459-8795; e-mail: mimaster@oeonline.com; web: <http://www.michigan-induction.com>.

Drever has received a turnkey project to supply the *complete annealing furnace with after pot tower equipment* for the hot dip galvanizing and galvannealing line at the Rockport Works of AK Steel. The all-radiant tube furnace will process strip from 0.046 to 0.203 cm (0.018 to 0.080 in.) thick and from 101 to 203 cm (40 to 80 in.) wide at speeds of up to 210 mpm (700 fpm). The furnace will have instantaneous temperature control through width, gage, and cycle transitions. For more in-

formation, contact: Drever Co., Drever Group, Huntington Valley, PA.

Grieve has developed Oven 742, *an inert gas atmosphere cabinet oven for applications such as heat treating copper and brass parts*. Maximum operating temperature is 454 °C (850 °F). Workspace is 127 × 127 × 127 cm (50 × 50 × 50 in.), and insulation is 15.2 cm (6 in.) throughout. For more information, contact: Grieve Corp., 500 Hart Rd., Round Lake, IL 60073; tel: 847/546-8225; fax: 847/546-9210.

Moore, McMillen Industries has opened its *Arkansas Nitride division*, a 6000 m² (20,000 ft²) plant in Paragould, AK, that can process 2700 kg (6000 lb) of ferrous metal parts per hour. The company performs Kolene SBN processing, an alternative to electroless nickel, hard-chrome plating, and heat treat processes like carbonitriding and carburizing. For more information, contact: Moore, McMillen Industries Inc., P.O. Box 4427, Sevierville, TN 37864; tel: 1/800/255-9186; fax: 423/453-8914.

Marathon Monitors, a manufacturer of heat treat control and combustion optimization equipment, *has started a Web site* at <http://www.marathonmonitors.com>. The site provides product information, sales and service representatives, details on upcoming exhibitions, news, and technical publications. For more information, contact: Marathon Monitors, 3100 E. Kemper Rd., Cincinnati, OH 45241; tel: 1/800/322-4444; fax: 513/772-7853.

According to a report from the **Metal Treating Institute**, *July 1997 sales for the metal treating industry reached \$67.9 million*, 13% above July 1996 sales of \$60.1 million. Billings are up 10.8% year-to-date to \$494.6 million. All nine U.S. and Canadian districts outperformed July and year-to-date 1996 sales. For more information, contact: Metal Treating Institute, 1550 Roberts Dr., Jacksonville Beach, FL 32250-3222; tel: 904/249-0448; fax: 904/249-0459; e-mail: metaltreat@aol.com.

Mirro Company, Manitowoc, WI, has purchased *two ingot car bottom homogenizing furnaces from Seco/Warwick*. The furnaces will be designed for normal load capacity of about 124,000 kg (274,000 lb). For more information, contact: Beth Manuel, Seco/Warwick Corp., 180 Mercer St., Meadville, PA 16335-3618; tel: 814/332-8437; fax: 814/724-1407; e-mail: secowarw@gremlan.org.

International Industrial Services has purchased *Cooperheat*, Piscataway, NJ, a supplier of postweld heat treatments and other heat-related processes, *and MQS Inspection*, Elk Grove Village, Ill., a provider of nondestructive examination services, from Praxair Inc. For more information, contact: Joseph Milliron, International Industrial Services Inc., Houston, TX; tel: 732/981-0800.

Metal Improvement Company has developed the Chemically Assisted Surface Engineering Process (C.A.S.E.). *This two-stage process extends gear life under severe conditions of contact fatigue or pitting*. In the first stage, a stress profile is obtained through shot peening; the second stage produces a superfinish on the gear teeth. The final finish has microindentations that retain lubricant and provide contact relief points. For more information, contact: Metal Improvement Co. Inc., Subs. Curtiss-Wright Corp., 10 Forest Ave., Paramus, NJ 07652; tel: 201/843-7800; fax: 201/843-3460; e-mail: metalimp@ix.netcom.com; web: <http://www.metalimprovement.com>.

The *heat treatment facilities of Bodycote IMT* in London, OH, and Portland, OR, are now fully *NADCAP (National Aerospace Defense contractors Accreditation Program) accredited*. The two facilities perform heat treatment of materials such as titanium alloys, nickel and cobalt alloys, stainless steels, and tool steels. Both locations offer vacuum heat treatment as a stand-alone service, as well as a range of hot isostatic pressing services. For more information, contact: Marjorie Nolan, Bodycote IMT, 155 River St., Andover, MA 01810; tel: 508/470-1620; fax: 508/475-2591.
