

REPRESENTED COMPANIES

Advance Boiler & Tank Co., LLC

Founded in 1919, Advance Boiler & Tank, located in the Historic Allis-Chalmers Facility in West Allis, Wisconsin provides the following products and services: Manufactures A.S.M.E. pressure vessels, performs pressure vessel repairs, alterations and re-rates, nozzle replacement or additions, tube sheet repairs or replacements, and boiler and auxiliary equipment maintenance and repairs.

Advance Thermotec

(A Division of Advance Boiler & Tank)

Founded in 1948, Advance Thermotec provides complete refractory construction, maintenance and materials. These services include lining repairs; removal and replacement; and providing the required materials. Materials used may be Fire Brick, (Heavy Duty, High Alumina and Insulating), Mortars, Ceramic Fiber (Blanket, Board and Paper), Mineral Wool Board and Pre-Cast shapes. Product lines include Vesuvius and Spar refractories.

Badger Plastic & Supply, Inc.

Founded in 1984, Badger Plastic & Supply has become a leader in the industry when it comes to providing custom innovative plastics products. They are a full line distributor of mechanical and industrial plastics.

Services Include: Design, planning, installation, custom machining, fabrication, plastic welding and heat bending

Materials include but not limited to: Acrylic, Hi-Density Polyethylene (HDPE), Lexan, Nylon, PETG sheet, Phenolic, Polycarbonate, Polypropylene, Quicksilver, Scotchply, Silicone (thermoset), Teflon, Tivar 88, Urethane and more.

Tivar 88 features: Low coefficient of friction, excellent wear resistance, high impact resistance at even at low temperatures, light weight, zero moisture absorption, excellent corrosion and chemical resistance, easy fabrication and can be welded and working temperature range (-250 to 65 deg C).

Tivar 88 liner applications: Bunkers, conveyors, chutes, dust collectors, hoppers, mixers, railroad cars, ships, silos, storage bins, trucks and more.

Tivar 88 material applications: Coal, fly ash, gypsum, sand, snow, sludge, limestone, woodchips, iron ore, rock, dirt and food products and more.

Industries served: Power Plants, Foundries, Cement Plants, Pulp & Paper, Mining, Railroad, Food Processing, Landfills, Asphalt Plants, Shipping and more.

Products include, but are not limited to: Bearings; Bushings; Casters & Wheels; Conveyor Belting; Equipment Guards; Gears; Liners for trucks, Ships, Railroad Cars, Bins, Hoppers, Chutes; Modular Plastic Belting; Plastic Screw Conveyors; Polyethylene Film; Roll Covers; Safety Mirrors; Tanks - Polyethylene, Polypropylene; Teflon Shrink Sleeves; Teflon Tape, Fabric, Belts; Thordon; Urethane Molded Products; Vinyl Door Strip; Wear Strips; and Welding Curtains.

Beetle Plastics LLC

(A Midwest Towers Company)

Founded in 1950s, Beetle Plastics provides engineering, manufacturing and installation of a wide line of fiberglass reinforced piping (FRP), composite piping, tanks, ductwork, vessels, and stacks from 0.500" to 14' diameter.

Beetle Plastics also manufactures Abrasion Resistant Pipe & Duct which can be used in the following applications: lime slurry, fly ash slurries, bottom-ash service areas, along with other extremely abrasive conditions. They also manufacture all of the specialty and common thermoset resin products, each with specific corrosion and service advantages.

Polyester is used for light corrosive and fume; Vinyl ester for strong acids and chlorine; Novolac VE for high temperature corrosives; Furan for solvents, high temperature and extreme corrosives; Epoxy for caustics and general use; and Phenolic for fire resistance.

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Eagle Environmental, Inc.

Founded in 1996, Eagle Environmental is a turn-key baghouse services company. This equipment is the only equipment they work on.

Turn-Key Baghouse Services Include: Lock-Out/Tag-Out (OSHA Required), Removal of Access Panels, Confined Space Entry Procedures (OSHA Required), Electronic Air Testing (OSHA Required), Complete Surveys of Dust Collection Equipment, Complete Preventative Maintenance Programs, Dye Testing, and Removal of Existing Filter Bags, Installation of New and/or Cleaned Bags.

Enerfin, Inc.

Founded in 1989, Enerfin is a world wide company that specializes in the design and manufacture of Energy related heat transfer products and transforming equipment. These products apply to the Power Generation, Pulp and Paper industry, Petrochemical industry and Marine and other industrial applications. Services include the design, engineering, research & development and rebuilding of heat transfer products and integrated systems.

The facilities are equipped with leading edge manufacturing machinery. Products and Services Include: Generator & Motor Air Coolers; Thrust, upper-lower guide Bearing Oil Coolers; Transformer Oil Coolers; Heat Transfer Integrated Systems; Hydrogen Coolers; Air Handling Units; Industrial Coils; Shell & Tubes; Air Forced Coolers; Extruded Fin Tubes; Strainers; Transformer oil pumps, valves, gauges; Control Panels; Design & Mechanical Engineering; Re-tubing; and On-site reverse engineering.

Fusion Babbiting Company

Founded in 1989, Fusion Babbiting services many OEM manufacturers in the area of rebabbiting as well as manufacturing new bearings. Fusion can perform centrifugal casting of bearings from 2" bore diameter up to 60" outside diameter and can perform tig welding; static pouring; hydrostatic and ultrasonic testing; and dye penetrant inspection. Fusion guarantees 98 to 100 percent bond to the bearing shell and only uses ASTM grades of "virgin tin base babbitt" in its bearing refurbishments and manufacture. Fusion also ultrasonically tests all bearings.

Fusion manufactures and refurbishes the following: Three Lobed Bearings, Plain Journal Bearings, Babbitt Liners, Exciter Bearings, Fan Bearings, Fan Motor Bearings, Generator Bearings, Motor Bearings, Oil Deflector Seals, Pump Bearings, Tapered Land Thrust Plates and Thrust Shoes, Tilt Pad (journal/thrust) Bearings, Trunion Bearings, Turbine Bearings, 3 piece Upper & Lower Guide Bearings.

Fusion can also perform in-house metalized arc spray to restore worn or damaged seat areas.

Generator & Motor Services

Founded in 1987, Generator & Motor Services, located in the Historic Westinghouse Generator Field and Brushless Exciter Manufacturing Facility in Turtle Creek, Pennsylvania provides the following products and services:

Generator rotor products and services: Electrically test, disassembly, inspect, repair and reassembly, partial and complete rewinds, tooth-top modification and shaft machining, retaining ring, blower hub and coupling manufacture and stocks 18Mn-18Cr retaining ring forgings.

Generator stator products and services: Electrically test, inspect, repair and test (i.e. EL-CID, Stator Bump, Doble and Loop), rewedge, rewind, design and install stator end winding support systems.

Brushless exciter products and services: Electrically test, inspect, repair, re-band, rewind and refurbish and perform positive pressure vent modification to housing, rental and exchange program.

Also performs portable on-site machining and balancing.

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Lift-It Manufacturing Co., Inc.

Founded in 1979, Lift-It Manufacturing manufactures a complete line of synthetic webbing, round and high performance fiber, Twin-Path® Extra Slings. In addition, Wire mesh slings, adjustable rope slings and specialty slings are also readily available. They also offer cargo nets made to military specifications, as well as a full line of ratchet and truck tiedowns.

Lift-It has trained thousands of sling users and inspectors through the Lift-It® sling and rigging program. Semi-annual conferences in Los Angeles are held and on-site programs are readily available.

Midwest Towers, Inc.

Founded in 1987, Midwest Towers (MWT) offers the best values in evaporative water cooling towers for new construction, cooling tower reconstruction or thermal upgrade, cooling tower emergency repair, and cooling tower replacement parts and components. MWT and their partners (include, but not limited to: Amarillo Gear Company, Beetle Plastics, Brentwood Industries, C.E. Shepherd, Hudson Products, Rexnord and Strongwell) conduct large scale volumes of business together and as a result MWT receives generous discounts on cooling tower parts that they purchase and can then comfortably pass more great value and savings onto your company.

Amarillo Gear Company also has drop-in replacement gearboxes for most OEM cooling towers.

Midwest Towers' team will work with you through all stages of your cooling tower project; i.e, design, budgeting, planning and installation. MWT can also help you with cooling tower thermal performance testing, cooling tower inspections, cooling tower optimization and upgrades and even temporary cooling towers.

Midwest Towers also designs, manufactures and installs fiberglass maintenance access platforms for cooling tower fan gearboxes.

Miller-Leaman, Inc.

Founded in 1991, Miller-Leaman manufactures three unique filtration products, a patented line of stainless steel liquid filters/strainers commonly known as the Thompson Filter/Strainer, the Helix Screen/Disc Series and the evolution of automatic disc filtration, the Turbo-Disc filter.

Thompson Strainer: Are highly efficient, patented strainers which are available in Type 304 and Type 316 stainless steel. They feature a large conical screen element, offering substantially more screen surface area versus traditional y-strainers, basket strainers, etc. The strainers are available with a large variety of screen mesh options, ranging from large perforated hole-openings down to approximately 50-micron. The strainers can be customized to fit the specific requirements of the project, and can be outfitted with optional Instrumentation Packages.

Turbo-Disc Filter: Are fully automatic, self-cleaning Turbo-Disc Filters are commonly used in side-stream configurations. Available in multiple micron sizes, the lightweight three-dimensional polypropylene disc media uses a minimal amount of backwash water (approximately 10 gallons of water per pod). The filters come complete with a pump on a stainless steel skid. An onboard controller monitors the differential pressure across the system, triggering an automatic backwash when dirty without interrupting the downstream flow. Filter lid enclosures have a stainless steel quick-release band clamp assembly, enabling easy access to the disc cartridge for maintenance purposes.

Miller-Leaman products are used in various applications including cooling tower water, chilled water and process cooling water.

Industries served: Power Plants, Pulp & Paper, Petroleum Refining, Wastewater Treatment, and Marine. Miller-Leaman can also manufacture many custom Filtration systems to meet the needs of their customers which also include sophisticated turnkey filtration systems.

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Orbital Tool Technologies

Founded in 1996, Orbital Tool Technologies (OTT) company was started with an upper level of managers and owners that have over 100 years of combined on-site field machining background in all heavy industry.

OTT is a single source supplier of quality on-site services designed to efficiently modify and/or restore damaged equipment. They maintain a highly advanced equipment inventory, which enables them to address virtually every on-site machining need regardless of industry. All field service processes are accomplished by highly skilled individuals thoroughly trained in their specific service capabilities. All service processes are verified utilizing state-of-the-art calibration measuring and testing equipment. OTT can provide the following services: on-site machining services i.e. journal and shaft restoration without shaft rotation, boring bar machining, milling, inside and outside diameter honing, tapping and threading up to 10", flange facing, stud removal conventional and MDM (metal disintegration machine) for the hardest materials, welding, and providing all types of machining services on steam turbines and steam turbine high pressure valves.

OTT provides their customers with a single source solution for all steam turbine high pressure valves including the disassembly, inspection, reassembly, and upgrades for all types of GE and Westinghouse valves. They can also provide on-site services of valve chest repairs and upgrades along with providing their customers with one single report of all sizes and dimensions for the entire repair or upgrade project. OTT can provide quick response time and timely completion of emergent work and scheduled outage repairs.

OTT parts include but not limited to: Allis-Chalmers, GE and Westinghouse turbine studs, cap screws and all styles of nuts and washers, Allis-Chalmers, GE and Westinghouse turbine valve internals: Stems, discs, bushings, crossheads, pins, balance chambers, and all types of movable satellite inlayed seats.

OTT stocks the following materials: 410, 422 stainless steel, most 300 series stainless steel, 1 ¼ chrome & 2 ¼ chrome forgings, and 9 chrome forgings for Westinghouse inlet sleeves. All materials are made in USA with certificate of origin and material composition. All certificates are current not dated back to 2000 or earlier.

Ultra, Inc.

Founded in 1985, Ultra is one of the top distributors of PULTEX® super structural fiberglass structural shapes, i.e. angle, channel, I-beam, wide flange beam, round tube, square tube, flat sheet, concrete embedment angle, threaded rods/nuts.

Ultra has become the premier manufacturer of fiberglass ladders, grating, platforms, staircases, fiberglass structural, handrail, tank, pipe and pump supports and all other custom fiberglass fabrications. These products are also used at facilities that perform routine maintenance on their equipment and can be custom built to replace temporary maintenance platforms. You now have the option to discontinue use of temporary scaffolding by replacing it with a permanent fiberglass structure that meets OSHA guidelines saving your company money on repeated assembly, disassembly and rental of scaffolding and eliminates the need for scheduling vendors for future projects. Fiberglass has the following advantages: corrosion resistant, anti-slip gritted top surface, low maintenance, non-conductive, UV protected for outdoor environments, fire retardant, lighter weight than steel and also less expensive.

Ultra also manufactures water inlet trash racks.