

U.S.-Exhibitors at GIFA, METEC, THERMPROCESS, NEWCAST 2023

GIFA 2023		
Company & website	Hall Booth #	Product description
Allied Mineral Products, LLC. http://www.alliedmineral.com	10C40	Allied Mineral Products is a leading designer and manufacturer of monolithic refractories and precast refractory shapes for furnace and industry applications. Their sales and service networks enable a global presence in foundry, aluminum, steel and industrial markets.
American Foundry Society Inc. http://www.afsinc.org	12E40	AFS will be recognized worldwide by industry stakeholders as the leading voice and resource on technical, management, and advocacy priorities pertaining to the metalcasting industry. The mission of the American Foundry Society is to advance the success of its members and the metalcasting industry through advocacy, education, and innovation.
Blasch Precision Ceramics Inc. http://www.blaschceramics.com	10C40	Blasch Precision Ceramics, Inc. delivers innovative ceramic solutions that address complex operating conditions through our engineering and technical expertise, products, materials, and partners. We specialize in net shape ceramic and refractory components to a wide variety of industrial markets worldwide. These industries include specialty aerospace and non-ferrous alloy production, chemical/petrochemical processing, power generation, industrial process heating, mining, minerals processing and wear.
CARBO Industrial Technologies Corp. http://www.carboceramics.com	15C01	CARBO INDUSTRIAL TECHNOLOGIES is a leading provider of high-performance ceramic media and industrial products engineered to increase process efficiency. Their products range from industrial casting and grinding media to water filtration sand.
CPC-Group Counter Pressure Casting http://www.cpcmachines.com	16G34	CPC creates aluminum casting technology used in the development of chassis components. Serving the automotive, motorcycle, marine and electrical industries, CPC has 500 engineers distributed throughout the CPC Europe, CPC USA and CPC Asia offices.
Darpa Engineering LLC http://www.darpaengi.com	11G40	Since 2011 they are one of the leading manufacturers and exporters of Sheet Metal Stampings, Non Ferrous Castings (Aluminium, Copper, Brass and Bronze) from India. They are certified ISO-9001-2015 and they cater to the needs of Power T&D, Automotive and General Engineering segments. They export more than 80% of our products to

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		USA and Germany and offer cost effective solutions in Stampings, Non Ferrous castings, Toolings and warehousing for the International clients.
Didion International Inc. http://www.didion.com	15D02	Started in 1974 by Charles J. Didion, Didion International serves the foundry industry with the use of rotary processing technology. The machines created include Rotary Media Drums, Rotary Sand/Casting Separators, Rotary Lump Crushers/ Sand Reclaimers, and more.
Finite Solutions Inc. http://finite.solutions	12D27	Finite Solutions invented PC-based casting simulation back in 1985. Their software provides accurate predictions of most foundry defects in the majority of casting processes and lets users take advantage of the latest in casting process design technology to improve quality, reduce lead times and lower costs. Used in over 800 foundries and universities around the world, Finite Solutions has a large customer base in the entire industry.
Flow Science, Inc. http://www.flow3d.com	12E34	Flow-3D Cast provides flow and thermal solutions for metal casting processes. The technology tracks various defects like different types of porosity, surface oxides, entrained air and collapsed bubbles, thermal stresses and deformations and more. It is available in suites for sand casting, permanent mold casting, and high pressure die casting.
General Kinematics Corporation http://www.generalkinematics.com	17D41	From the scrap yard to shipping, General Kinematics foundry equipment has a solution to improve your foundry flow and productivity. GK foundry equipment increases casting throughput diminishes casting damage, and reduces maintenance costs. With the largest selection of vibratory and rotary foundry machinery equipment available in the industry, GK can create process flow improvements that will show real value to your throughput and bottom line. GK has helped the most profitable and efficient foundries turn their capital investments into profits.
Hunter Foundry Machinery Corp. http://www.hunterfoundry.com	15F01	Since 1964, Hunter has produced automated matchplate molding machines and mold handling systems for foundries in nearly every industry sector, used in practically every type of application, imaginable. In fact, more foundries use Hunter than any other matchplate molding and mold handling machinery in the world. The mission of Hunter Foundry Machinery Corporation is to develop the most innovative solutions possible for the automation of green

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		sand matchplate molding and mold handling processes throughout the foundry industry.
Inductotherm Group http://www.inductothermgroup.com	10B42	<p>At Thermprocess/GIFA 2023, Inductotherm Group is proud to showcase the latest advancements in induction melting, heating, and welding equipment. Their cutting-edge technologies are transforming foundries, heat treat shops and tube mills through digitalization and sustainable manufacturing solutions. From precision melting to vacuum refining, their equipment sets new standards in productivity and quality. Unlock the potential of digitalization with our innovative platforms that enable real-time data collection, analysis, and optimization. Whether it's streamlining processes, improving productivity, or enhancing quality control, our advanced technologies are designed to align with your requirements and drive your success. Experience firsthand how IoT technologies are revolutionizing manufacturing processes, empowering you with actionable insights, predictive analytics, and informed decision-making. Step into the future of sustainability with our green melting and heating solutions. Their solar driven heating system optimizes energy consumption, reduces waste, and enhances process efficiency to minimize environmental impact. Explore other technologies that promote a greener, more sustainable approach to melting and heating operations.</p>
Inductotherm Group http://www.inductothermgroup.com	FG10_1	<p>Inductotherm Group has 40 manufacturing companies and customers in 115 countries, focusing on providing technologies, products and systems for the heat-driven transformation of metals and specialty materials. It's work includes manufacturing induction melting, heating, heat treating, forging, galvanizing, coating, cutting and welding equipment.</p>
Kuttner LLC http://www.kuttnerna.com	17A56	<p>Kuettner GmbH of Essen, Germany, is a global leader in systems design, engineering, and installation of foundry equipment and steel mill technology. With offices throughout the world, Kuettner GmbH truly has broad global reach, and is well-versed in the following technologies: Systems design; Pulverized coal injection (PCI); Sintering plants; Steel mill waste recovery; Process control technology; Heat transfer equipment; Waste heat recovery.</p>
Metsch Refractories Inc. http://www.metschinc.com	12A44	<p>Starting with your blueprint or drawing and a description of the application, Metsch Refractories will first select the most appropriate ceramic composition. Then, they will</p>

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		review the design and suggest any revisions that will reduce the manufacturing cost to the lowest possible level without compromising the functional requirements of the application. Whatever the operating environment is, they have over 40 refractory and porcelain compositions to choose from to stand up to the conditions. If they do not have the optimal body composition for your need, they will formulate one.
MTI Minerals Technologies Corporation http://www.mtmetalcasting.com	12A34	MTI Minerals Technologies Corporation is a producer and supplier of green sand bond solutions for ferrous castings. They work with foundries to formulate Total Solution Packages designed to enhance foundry process performance and casting production. Their product solutions and services include bentonite products and customized performance blends, specialty chromite sands, and chemical binder systems.
Pyrotek Inc. http://www.pyrotek.com	11F74	Since 1956, Pyrotek is a leading international company supplying customers worldwide with performance-improving technical products, integrated systems, and value-added services. They are 3,000 people strong, with more than 80 locations in more than 35 countries. Advanced manufacturing plants, research and development centers, and experienced local service and engineering teams.
Watt Industries LLC http://www.watt-group.com	10E17	A leading provider of energy management- and control systems worldwide. They have been involved in the melting- and smelting industries for more than 10 years. Watt Industries is an American company with various divisions that trade in different industries internationally.
Metec 2023		
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AIST Association for Iron & Steel Technology http://www.aist.org	1D56	AIST is a non-profit organization company that looks to advance the technical development, production, processing and application of iron and steel. It hosts local member chapters which you can become member of to enhance your global network.
AMETEK Surface Vision http://www.ameteksurfacevision.com	5E10	AMETEK Surface Vision is the world leader in automated online surface inspection solutions.

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Burke Porter Group http://www.burkeportergroup.com	1C74	Burke Porter Group offers a full line of products and services within the metals industry, such as roll inspection, finishing solutions, and automation & drive systems.
Gradall Industries Inc http://www.gradall.com	1E18	Gradall creates a range of excavator undercarriages for equipment mobility, both on and off highways. It serves the government, contractor, railroad, metal mill, mining and fire markets with various excavator products and attachments.
InfoSight Corporation Inc. http://www.infosight.com	5D31	InfoSightare Corporation is a vertically integrated manufacturer that designs and builds standard and custom marking equipment. Their Labelase Metal Tag Laser Printers are durable, desktop size printers that permanently mark on our metal identification tags. Their tags survive a wide range of harsh conditions from high temperatures approaching 1000C (1800F) to exposure to chemicals, ultraviolet light, and abrasion. Their custom automated marking systems integrate a variety of marking technologies to provide a permanent identification mark on high value products.
K.R. Komarek Inc. http://www.komarek.com	4F40	For over three generations, the KOMAREK name has been associated with the design and manufacturing of briquetting, compaction and granulation machines. Now as a Koeppern Group Company, they remain a leading, privately-owned organization dedicated to providing services and equipment for all types of briquetting and compaction/granulation applications. KOMAREK is an industry leader in briquetting machines and compaction / granulation systems. Their portfolio includes their durable B and BH Series machines (B220B, B400B, and the BH400CH), as well as their heavy-duty DH Series machines (DH300, DH400, DH450 and DH500). KOMAREK also provides services such as part replacement and refurbishment, installation and maintenance, and plant audits.
Kress Corporation http://www.kresscarrier.com	5L31	Kress Corporation is a manufacturer of specialty transport carriers for the metals/material handling industry. Their products include slag pott carriers, coal haulers, straddle carriers, ladle carriers, etc.
LanzaTech Inc http://www.lanzatech.com	4D17	Since 2005, LanzaTech has been working to create this closed-loop system using waste carbon to make the things we use in our daily lives. LanzaTech is changing how people think about carbon, creating value and new sustainable products across multiple markets.

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<p>Midrex Technologies Inc. http://www.midrex.com</p>	<p align="center">4F37</p>	<p>Midrex is the world leader and innovator for Direct Reduction Ironmaking Technology. MIDREX® Plants are designed with the greatest operational flexibility of any DR technology and provide owners with unparalleled results.</p>
<p>NCCM Company, LLC http://www.nccmco.com</p>	<p align="center">4F44</p>	<p>NCCM Company, LLC has continued to be the leader in the market position 3M held for 20+ years by offering high-value propositions for application-specific solutions in the primary metals, automotive, OEM and industrial markets. They offer the original yellow roll made with exclusive and proven 3M materials and proprietary technology. In addition, they custom engineer and technically develop a diverse line of high-performance nonwoven rolls and products suited for a variety of applications. As a global company, NCCM offers local service with sales offices in China and Germany as well as a European sales office, roll service center and in-house manufacturer for shafts and other mechanical components in Spain. Their 20+ value-added resellers (VARs) and roll service centers are ready to serve you locally around the world!</p>
<p>Pannier Corporation http://www.pannier.com</p>	<p align="center">4B37</p>	<p>Pannier offers proven and reliable solutions for tracking hot and cold steel. Pannier MCL1800 tags are used worldwide to label hot slabs, billets, and blooms at up to 1800°F. Their differential tinplate printers operate in nearly every tinplate facility in the world. They also offer a variety of indent marking and printing systems for marking hot and cold steel products. From fully-automated identification systems to simple hand tools, Pannier provides a variety of solutions to help steel manufacturers reliably track every piece of steel, reducing scrap costs and increasing productivity.</p>
<p>Sintermet, LLC. http://www.sintermet.com</p>	<p align="center">5J22</p>	<p>Selas Heat Technology Company is an Industry Innovator Since 1896. For nearly 120 years, Selas has designed and manufactured heating furnaces throughout many decades are still in use throughout the world. Selas is no longer a furnace manufacturer; however, the company continues to serve the industrial thermal processing industry with a comprehensive range of innovative and reliable gas burners, combustion systems and thermal components to support many different types and brands of ovens, furnaces and thermal processing applications. Their proven approach to combustion blends rugged products with the best technologies to provide clean, safe, and efficient heat. All Selas burners and combustion components are engineered to provide maximum fuel efficiency, dependable operation, and to help make your thermal</p>

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		process more profitable and successful. We also offer strong customer service and start-up assistance.
Systems Spray-Cooled http://spraycooled.tsg.bz	4G24	Serving the global metals and minerals industries, SYSTEMS' patented Spray-Cooled™ technology provides a Safer, Greener alternative to conventional pressurized water-cooled, exotic alloy, and refractory equipment for extreme heat load applications. Using non-pressurized, non-evaporative water-cooling, SYSTEMS Spray-Cooled, Inc. offers a complete line of electric arc furnace (EAF), ladle metallurgical furnace (LMF), basic oxygen furnace (BOF), submerged arc furnace, post combustion, and dust evacuation system components.
Thermprocess 2023		
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AFC-Holcroft L.L.C. http://www.afc-holcroft.com	9E26	AFC-Holcroft has one of the most diverse product lines in the heat treat equipment industry. They are fully equipped to design, manufacture, ship, install, and service all types of custom and standard heat treat systems. AFC-Holcroft is a privately held company, headquartered in Wixom, Michigan, USA. They are a worldwide company, with a branch office in Delemont, Switzerland and a network of domestic and international partners. With their strategically located network of global partners, they have the capability to manufacture, install and service our equipment anywhere in the world.
Alkegen (Formerly Unifrax and Lydall) http://www.alkegen.com	9C40	Alkegen (formerly Unifrax and Lydall) creates high performance specialty materials designed with the ultimate goal of saving energy, reducing pollution, and improving safety for people, buildings and equipment. Used in advanced applications including electric vehicles, energy storage, filtration, fire protection and high-temperature insulation, their products enable the world to breathe easier, live greener, and go further than ever before. Their products include: Fiberfrax®; Fibermax®; Excelfrax®; Insulfrax®; Isofrax®; RapidFire®; Saffil®; Thermbond®; ThermShape™.
Centorr Vacuum Industries, LLC http://www.centorr.com	9F64	Centorr/Vacuum Industries is a manufacturer of custom high temperature sintering, heat treat, and vacuum/controlled atmosphere furnaces for advanced ceramics, composites, carbon/graphite, and alloy steels, stainless steels, high speed steels, MIMN, and hardmetals. They have an installed base of over 6500 units worldwide with furnaces ranging from large commercial and production units with hot zones over 3m x 3m, to smaller

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		Lab and Research & Development furnaces for use at temperatures over 3000°C and pressures to 1500 psig (100 bar). Graphite or alloy metal hot zones are available with a variety of binder removal systems tailored for almost any binder. They have a toll-firing Applied Technology Laboratory for process proofing, with a fully staffed Aftermarket Field Service group.
Fluxtrol, Inc. http://www.fluxtrol.com	10A69	Fluxtrol Inc. is a merger of Fluxtrol Manufacturing and Centre for Induction Technology. Both companies were founded by Robert S. Ruffini, inventor, entrepreneur and induction heating enthusiast. Now, Fluxtrol Inc. has a distributor network covering more than 20 countries and provides a wide range of magnetic materials and components, cooperative development and educational services worldwide. Their team is composed of 18 persons including eight engineers and two PhDs with more than 120 years of combined experience in induction technique.
ITC - International Technical Ceramics http://www.itccoatings.com	10A29	ITC Coatings are high-temperature, energy efficient ceramic coatings used in both melt shops and hot mills to reduce fuel consumption, reduce refractory maintenance, improve temperature uniformities, improve product quality and add to the overall bottom line for our customers. In the melt shop, ITC Coatings are applied to electrodes to reduce consumption up to 25% to 30%, to ladle lids, ladle preheat lids, tundish preheat lids, tundish lids and EAF delts to increase refractory life. In addition, ITC Coatings are applied to EAF roof sections, EAF fourth hole elbows to extend the life of metal parts subject to extreme temperatures. In the hot mill ITC Coatings are applied to the reheat furnace refractories to reduce fuel consumption up to 20%, to reduce refractory maintenance and increase refractory life by 2x to 3x, to improve temperature uniformities, product quality and increase the overall efficiency of the furnace. The high temperature coatings are also used to protect metal parts from corrosion and oxidation at elevated temperatures ITC Ceramic Coatings are a versatile line of high temperature technical industrial coatings that protect and maintain all types of refractory and metal equipment in some of the harshest industrial environments, while also increasing production efficiencies and product quality. ITC Coatings contain no volatile organic compounds, are not harmful to the environment and help reduce carbon emissions.
Selas Heat Technology Company LLC http://www.selas.com	10A28	Since 1896, Selas has been known as a pioneer and leader among heat technology manufacturers. Today, many of the heat treating furnaces are still in use throughout the world

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		<p>Selas is no longer a furnace manufacturer; however, the company continues to serve the industrial thermal processing industry with a comprehensive range of innovative and reliable gas burners, combustion systems and thermal components to support many different types and brands of ovens, furnaces and thermal processing applications. Their proven approach to combustion blends rugged products with the best technologies to provide clean, safe, and efficient heat. All Selas burners and combustion components are engineered to provide maximum fuel efficiency, dependable operation, and to help make your thermal process more profitable and successful. They also offer strong customer service and start-up assistance. Revitalized To Serve Today's Thermal Processing Market Better. Selas, a worldwide manufacture with facilities in the United States, Germany and Japan, wa purchased in 2005 by Lionheart Ventures. Backed by strong financial resources, solid leadership and a continuing comitment to designing the very best burners and heat technology components, Selas has been repositioned to deliver a comprehensive line of combustion products and excellent customer support. Soon after acquiring Selas, the Lionheart team began searching for complementary technologies to provide a more theyll-rounded suite of products to offer its customers. The first acquisition was Pyronics, a well-respected manufacturer of pre-mix and nozzle-mix burners, combustion controls and accessories. Maxsys Fuel Systems follotheyd, offering advanced technologies to help customers save 5-9% on fuel usage, with a proportional reduction in CO2. In 2012 and 2013, the Red-Ray infrared line and the ERB Ensign ribbon burner products theyre added to the growing family. And, in 2014 theybster Combustion, a leader in commercial boiler burners, was acquired.</p>
<p>ZIRCAR Ceramics, Inc. http://www.zircarceramics.com</p>	<p>10A77</p>	<p>Their broad product range includes Alumina, Alumina-Silica and other refractory oxide fiber materials, heating elements, plus furnace insulation custom assemblies and accessories. They offer the highest quality products in a wide variety of forms, shapes and sizes. Besides their standard product line, they produce to client's needs including furnace insulation, heating components and high temperature systems. Their products are used in ceramics and metal sintering and heat treating, crystal growth, non-ferrous metal analytical and thermal process equipment, fuel cell, high temperature furnaces and thermal process systems manufacture. Most refractory materials are useful as high temperature thermal and electrical insulation, in</p>

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		chemical and physical isolation plus heating applications to temperatures of 1850 ° C (3362 ° F).
Zircar Refractory Composites, Inc. http://www.zrci.com	10F16	ZIRCAR Refractory Composites, Inc. produces a comprehensive line of advanced high performance ceramic-ceramic composite materials and related products. Their materials are used around the world in the most demanding thermal, structural and electrical insulating applications ranging in temperatures from 600°C(1112°F) to 1650°C(3002°F). For over thirty years, they have been a problem-solver working with our customers to resolve their thermal management problems. They have developed products that have become industry standards for induction melting, forging and heat treating applications, investment casting, glass processing, hot pressing, and many high temperature electrical applications.
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WEFLO VALVE LLC http://www.weflo.com	14D76	Qingdao Weflo Valve Co., Ltd, the headquarter of Weflo Valve LLC, was founded in 1992, and now has grown to be professional manufacturer and supplier in valves, casting OEM & ODM for automotive components, compressor parts, hydraulic parts, pump parts, agricultural machinery parts, engine parts, industrial parts etc. Weflo is selling products to about 70 countries, and has subsidiaries in the USA, EU, Saudi Arabia and Australia. They are IATF16949 certified, is 100%-owned by Weflo Group. Weflo Foundry has 2 automatic casting production lines and 1 resin-sand casting workshop with an annual capacity of 800,00 tons. Weflo Foundry offers reliable services in designing, casting machining, painting and testing to clients worldwide.
Waupaca Foundry, Inc. http://www.waupacafoundry.com	13B09	Waupaca Foundry, a Hitachi Metals group company, is the leading supplier of grey and ductile iron casting components to the automotive, commercial vehicle, agriculture, construction, and industrial markets. Headquartered in the United States, Waupaca Foundry operates seven iron foundries and two machining operations.