

ALUMINUM

STAINLESS

NICKEL

COBALT

TITANIUM

ALLOYS

CARBON



One Global Source

For A World Of Specialty Metals, Processing,
And Supply Chain Management Solutions.

COPPER

SHEET

PLATE

STRIP

BAR

PIPE

TUBE

ROD

EXTRUSIONS



O'NEAL HIGH-PERFORMANCE METALS GROUP

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O'Neal
High-Performance
Metals Group

In a breakthrough development, O'Neal Steel has assembled four of the world's leading suppliers and consultants in the high-performance/high-temperature metals market to create the O'Neal High-Performance Metals Group (HPMG). The synergy produced by this unique partnership results in an exceptionally wide selection and supply of products coupled with outstanding expertise, service, and value.

The O'Neal HPMG companies, consisting of Aerodyne Alloys, Supply Dynamics, TW Metals, and United Performance Metals, have the ability to work independently or on a collaborative basis to develop and deliver the optimum material solution for the customer.

Individually, each of these companies is a leader in its field. Together as O'Neal HPMG, they offer unprecedented purchasing power, access to products, precision processing, inventory management, and expertise across the full spectrum of specialty metals for diverse international markets, including aerospace, power generation, and petrochemical.

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**SUPPLY
DYNAMICS**

O'Neal High-Performance Metals Group

S U P P L Y C H A N G E M A N A G E M E N T

Supply Dynamics is the aerospace industry's leading provider of material consolidation solutions known as "Material Demand Aggregation." Located in Cincinnati, Ohio, Supply Dynamics utilizes proprietary processes and IT solutions to provide OEM customers with real-time visibility and control over the materials that go into their finished parts – especially materials that go into parts made by their Tier 1 and Tier 2 suppliers. A suite of web-based tools and reports provides customers a single, unified view of how finished part materials are impacting their business. It allows customers to instantly

forecast and negotiate common materials, and monitor the timely order and supply of materials across their extended supply chain. It also allows the OEM to measure on-time delivery of raw materials to production sites and sub-tier suppliers; to standardize materials; and to identify users for surplus, excess, and obsolete materials. Material Demand Aggregation provides a means for OEMs to coordinate the actions of each link in the supply chain, and dramatically improve the efficiency and predictability of supply.

supplydynamics.com

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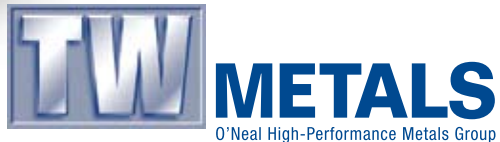




Headquartered in Hamilton, Ohio, with additional facilities in California, Singapore, and China, United Performance Metals is a leading supplier and processor of specialty stainless steel and high-temperature alloys. The company also offers an in-depth understanding of complex supply chain issues, logistics, cultural challenges, and customs procedures associated with international trade. In business since 1982, United has experience serving the needs of customers in diverse markets, including aerospace, aircraft, automotive, medical, food service, housewares, and petrochemical. The company began operating under the United name when Ferguson Metals and AIM

International consolidated their complementary operations in 2008. As a result of the merger, United Performance Metals delivers its customers even greater expertise and variety in flat-rolled metal products, with a focus on specialty grades of stainless steel and high-temperature nickel, cobalt, and titanium-based alloys. And with its recently expanded warehouse and production facility in Ohio, United is uniquely equipped to process coil, sheet, and plate product with the industry's most comprehensive slitting, edging, shearing, leveling, and sawing capabilities – all compliant with a quality system that is ISO 9001:2000 and AS9120 certified. upmet.com





Through the course of more than 100 years, TW Metals has earned its place as one of the world's foremost suppliers and processors of stainless, aluminum, alloy, carbon, and high alloys such as nickel and titanium. Custom and off-the-shelf products are available in the form of pipe, tube, bar, rod, sheet, plate, and extrusions. The company offers custom supply programs on a global basis that support the extended supply chain and optimize value-added processing, material aggregation, and flow. TW was the first U.S. tubular products company to earn ISO 9002 certification. Today the company holds ISO 9001:2000 certification plus AS9100, and is

approved by more than two dozen U.S. and European aerospace companies as a supplier for new aircraft as well as maintenance, repair, and overhaul (MRO). Other major industries served include nuclear, chemical processing, marine, food processing, pharmaceutical, medical, defense, and manufacturers of pumps and valves. Careful selection of superior materials from global sources, combined with TW's processing expertise, provide customers with complete confidence in every order. TW Metals is headquartered in Exton, Pennsylvania and operates 28 stocking locations in the U.S., Europe, and Asia. twmetals.com





Aerodyne Alloys is an international distributor and processor of high-temperature nickel, cobalt, titanium, and stainless steel available in bar, plate, and near net shapes. The company serves the unique needs of customers engaged in critical applications for industries such as aerospace, medical, power generation, petrochemical, and defense. Through the development of a smart inventory system, Aerodyne Alloys provides customers stocking inventory for just-in-time delivery with same day/next day delivery. This commitment to support efficiency in the supply chain proves especially beneficial to those applying Lean, Kanban, and

other inventory flow methods. Due to Aerodyne's wide range of product sizes, customers gain the advantage of ordering closer to their finished size, thereby reducing machining time and waste. Processing capabilities include state-of-the-art blade technology for precision cutting of bar and plate, as well as shearing, water-jet, and auto-loading systems for large-quantity cutting. Certifications include ISO 9001:2000, AS 9100:2004, GE S-400 Materials, Pratt & Whitney LCS, and Rolls Royce MSRR Supplier. Headquartered in South Windsor, Connecticut, Aerodyne also operates facilities in California and Texas. aerodynealloys.com



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THE METALS COMPANY

O'Neal Steel is the U.S.A.'s largest family-owned, full-line metals service center with annual sales of approximately \$3 billion and a history dating back to 1921. Headquartered in Birmingham, Alabama, O'Neal has more than 80 locations in North America, Europe, and Asia, including a network of specialized affiliates, of which the HPMG companies are a major part. For more information, visit onealsteel.com.

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