

# Proven to **perform.**

ATI is a \$4.2 billion global producer of high performance materials and solutions for the aerospace and defense markets with critical applications with high barriers to entry that leverage our expertise.

We're solving the world's most difficult challenges through materials science. Our advanced, integrated process technologies and proven performers give us a tremendous competitive advantage.

When customers' systems need to fly higher, dig deeper, stand stronger, and last longer – anywhere on, above or below the earth – ATI is proven to perform.

# We thrive when the expectations are great, and the barriers are high

Guided by our technology leadership in strategic nickel and titanium applications, our capabilities and experience earn us our customers' first call. We are privileged to partner with them in advancing the world through their incredible products. Together, we're going beyond the boundaries to go further and faster – performing in the most extreme conditions. That's a powerful combination that positions us to deliver long-term shareholder value to our investors.

# **Business Segments that Drive High Performance and Innovative Technologies**



# **High Performance Materials and Components**

- Specialty Materials: High performance alloys without compromise. Industry leader in production of nickel and cobalt-based superalloys, titanium alloys and specialty steels.
- Forged Products: World-class thermomechanical processing and manufacturing, with the world's best iso-thermal forging and super-hot die heating technology, supported by modeling, machining, testing and finishing.



# **Advanced Alloys and Solutions**

- Specialty Alloys & Components: Innovator in reactive and refractory metals to be the world leader in materials enabling nuclear propulsion and energy, magnetic resonance superconductivity, thrust in space exploration and the most advanced electronics.
- Specialty Rolled Products: World-class specialty materials rolling and finishing, producing sophisticated alloys worked into coil, strip, foil and plate.



# Why ATI?

#### **Products**

World-class materials science capabilities; proprietary alloy portfolio



#### **Processes**

Unique process technologies with proven execution at scale



#### People

Committed team of materials science and engineering experts



#### Partnerships

Deep customer partnerships from R&D to final assembly



# **Primary Markets**

# Aerospace

You can't fly without ATI — our materials are on virtually every commercial aircraft flying today — engines and structures.

#### Defense

Our materials power and protect the armed services in the air, sea and on the ground.

# **Critical Applications**

**Energy** 

Our alloys power electrical energy in nuclear reactors, renewables, and land-based turbines. Our oil and gas materials fight heat and corrosion deep in the sea.

# **Medical**

Essential for modern medical equipment, devices and implants, our specialty materials save and improve thousands of lives every day.

#### **Electronics**

We give capability to electronic devices through our alloys' unique electrical, magnetic, cosmetic and corrosion resistance properties and our chemicals for metal precursors.

# **Bring on Your Toughest Challenges**



### Melting consistently to deliver the highest purity and uniformity.

We are recognized by our customers as the leader in materials development and melting. We produce the highest quality material in the industry.



# Exotic alloys that make the future a reality. We crisscross the periodic table to produce

materials from zirconium and hafnium to nickel and niobium. We use them to create a wide variety of product forms, from specialty chemicals to advanced sheet products.



#### Forging highly sophisticated components with strength and precision.

We isothermally forge rotating disks for the hottest section of next generation jet engines. We lead the industry in producing the most complex parts for single aisle jet engines.



#### Tremendous melt, rolled with the greatest force, finished with world-class capabilities.

Delivering advantages that enable our customers to win best-in-class attributes including thickness, coil size and cycle times.



ATI is a world leader in production and R&D of specialty alloys developed through precise formulas and complex processes to serve the most demanding markets, including aerospace. Our fully integrated additive manufacturing capabilities deliver customer solutions throughout the supply chain, from metal powder to finished part.



Our ability to work high-strength titanium, corrosion-resistant nickel, and other sophisticated allovs into coil, strip, foil and plate for demanding applications is anchored by the most powerful roughing mill in the world, capable of rolling multiple alloy systems with 1,150 pounds per inch of width.



We were the first U.S. company to handle all aspects of reactive metal production, and we have been the leader ever since, producing commercial high-purity hafnium, niobium and zirconium and other specialty alloys in all conventional product forms.



Our isothermal forging center of excellence is the best in the world. including one of the largest isothermal presses in the world. We enable largerdiameter, close-tolerance forgings required for today's high-efficiency jet engines and highly sophisticated components with differing mechanical properties.



ATI's materials science expertise improves fuel efficiency by helping jet engines run hotter and more guietly, and burn fuel more efficiently, saving up to \$9B a year in fuel costs and lowering CO2 emissions by 15%.\*



In superconducting magnets for MRI imaging, our niobium-titanium alloys drive life-changing medical insights by enabling highly advanced superconductors.



Our innovative naval propulsion materials enable the propulsion systems of nuclear aircraft carriers and submarines.



Our niobium-hafnium-titanium alloys help spacecraft direct high-velocity, high-temperature gases to reach the final frontier.



Our nickel alloys for rigid pipelines have the strength and durability to perform without fail under extreme heat, pressure and corrosion for 50 undersea miles.



Our forgings give heavy-lift helicopter rotor hub assemblies incredible strength and durability to hoist 50-ton combat vehicles in the air and carry them great distances.

# **ATI Core Values**

# Integrity

We do the right things the right way; it's the cornerstone of our relationship with every stakeholder.

# Safety & Sustainability

We are committed to a Zero Injury Culture, protecting our people and the planet through our products and the way we operate.

# Accountability

We do what we say we are going to do. We set a standard for excellence and hold ourselves and our team accountable for our actions, results and delivering value for our customers.

### **Teamwork & Respect**

We seek and celebrate diverse views, capabilities and experiences to power our collaborative work environment.

### **Innovation**

We embrace change and unique perspectives to create sustainable value, acting with urgency and taking calculated risks to learn and continuously improve.

# ATI at a Glance





ATI is an international company with more than 6,000 employees across nearly 20 locations in Europe and Asia, and more than 30 in the United States.



ATI touches more than 50% of the naturally occurring elements on the periodic table by managing in, managing out, or through our processes.









<sup>\*</sup> Boeing estimates their NextGen aircraft help save more than \$9B a year in fuel costs and reduce their carbon footprint by up to 25% over legacy designs. LEAP engines used by Boeing and Airbus reduce fuel consumption and lower CO2 emissions by 15% each.