



**Amsted**<sup>TM</sup>  
GRAPHITE MATERIALS



# North America's only fully integrated synthetic graphite manufacturer in production today

*The electrified future demands  
western hemisphere anode supply*

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**STRATEGIC**

**100% DOMESTIC SUPPLY CHAIN, US OWNED & OPERATED**

**SCALABLE**

**LARGEST GRAPHITIZATION CAPACITY IN NORTH AMERICA**

**COMPETITIVE**

**DELIVERED COST ON PAR WITH FOREIGN IMPORTS**

**EXPERIENCED**

**>115 YEARS OF SYNTHETIC GRAPHITE OPERATIONAL EXCELLENCE**

**STABLE**

**DIVERSIFIED PRODUCTION & SUPPORT FROM AMSTED INDUSTRIES**

**OPERATIONAL**

**IN PRODUCTION TODAY, SHIPPING TO CUSTOMERS**

# Core Competency: Graphitization

**>3,000 °C**

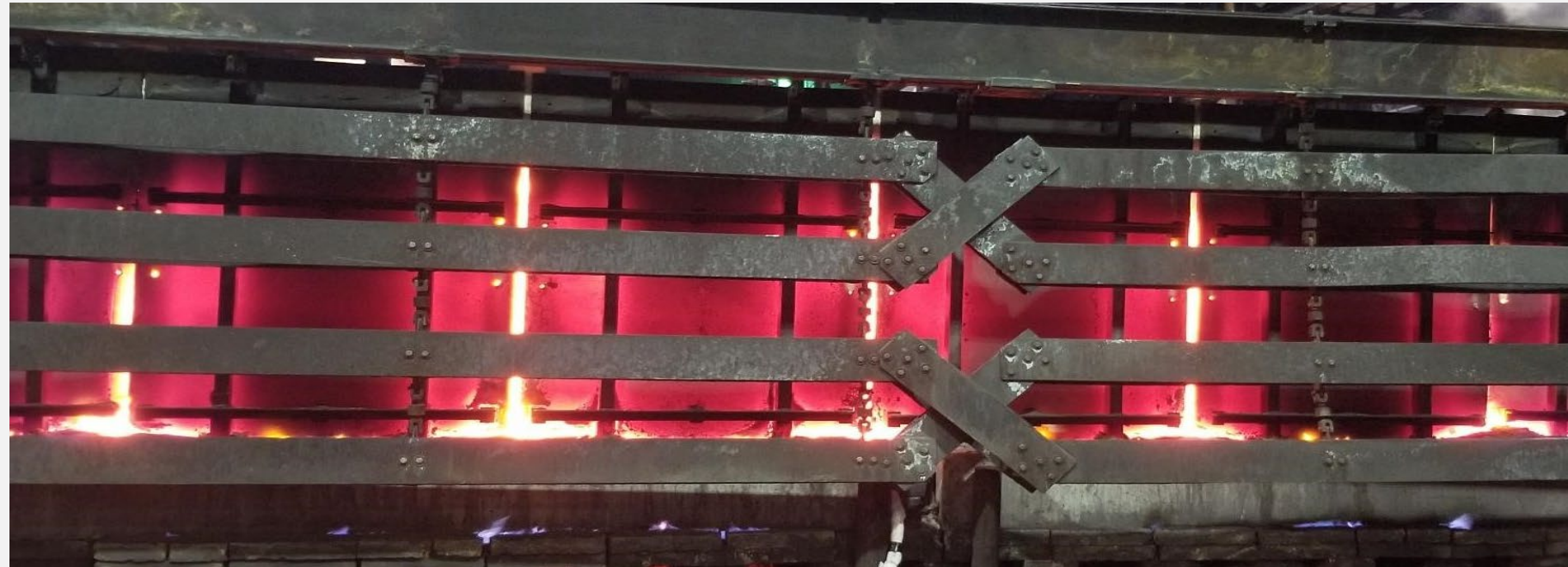
Process temperature

**5,000**

mtpa graphitization capacity

**100%**

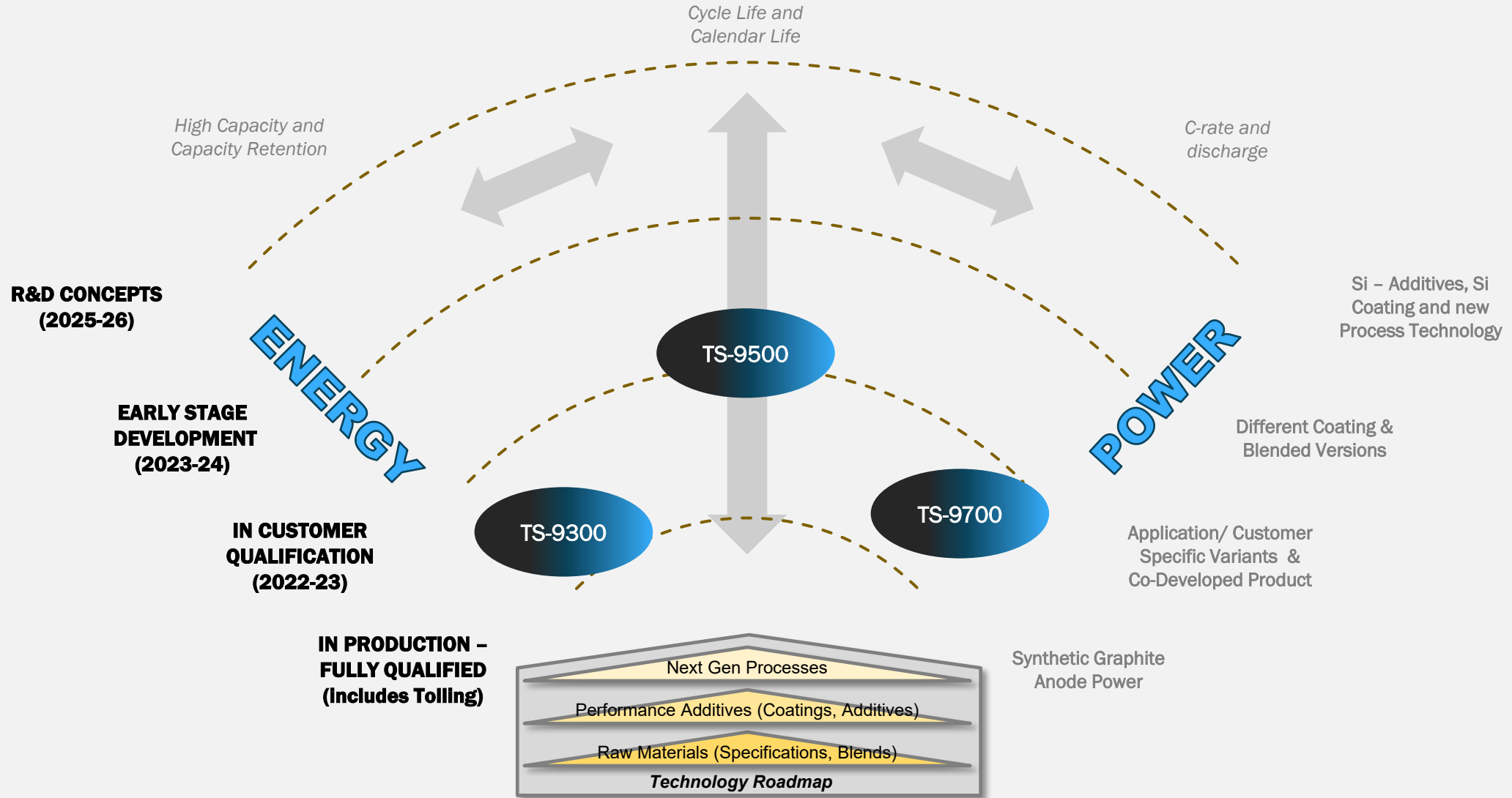
Share of Acheson capacity  
in North America



- ☑ Standard Process Among Industry Leaders
- ☑ High Purity Product
- ☑ High Quality via Stability and Repeatability
- ☑ High Throughput

# Product portfolio is focused on e-mobility segment today

Future evolutions to lower cost, broaden portfolio and improve performance





## THE OPPORTUNITY

- Accelerating EV and Energy Storage Mega-Trends will drive unprecedented demand for batteries and battery materials.
- Graphite is essential for Lithium-Ion batteries, making +96% of anode material.
- Long-Life batteries need high purity, high consistency anode material that only synthetic graphite can deliver.

## THE CHALLENGE

- Supply of high-performance anode material is 100% reliant on Asia, primarily China.
- Decarbonizing the supply chain and offering technically superior, lower emissions solutions is a critical factor.
- Capital required to meet scale of demand and rate of growth
- Cost, safety and supply security are critical factors to customers.



## THE SOLUTION



Proven, premium products targeting a full spectrum of battery applications.



'Blue Chip' supplier with over 115 years of history supplying specialty graphite.



Fully domestic supply chain with US sourced raw material and manufacturing locations.



Leading government advocacy efforts with a record of policy influence.



Targeting low carbon footprint powering and world-class ESG signature.