



ROSS & CATHERALL

# Capacity in Place to Support Market Growth Through 2026

Are your Q2 alloy requirements fully secured?

Turning Metals into Motion

# We're Ready to Meet Your Q2 Alloy Demand

- We have expanded capacity to support growing alloy volume across all markets
- We have secure and stable material supply with minimal impact from tariffs
- We have no availability pressures seen by some competitors on key elements
- We have increased 2026 melting capacity ready for customers needing higher volumes or seeking alternative supply



# Expanded melting – to meet market growth

## – Meeting Growing Global Demand Across All Sectors

- Expanded melting and processing capacity positions us to support increased alloy volume requirements
  - Flexibility delivered through eight Vacuum Induction Melting (VIM) furnaces, giving customers more capacity and scheduling options
  - Advanced furnace technology engineered for high-integrity master alloy production, delivering specialised nickel and cobalt-based superalloy cast bar stick

## – Optimising Cost, Delivery, and Revert Efficiency

- Revert is a major cost driver. Our flexible furnace range allows you to choose the most cost-effective melt size to meet both budget and lead-time requirements
  - **In-house revert processing** ensures “closed loop” security with rapid conversion into new alloy
  - Melting options allow you to select the furnace size that delivers maximum value for your production demands

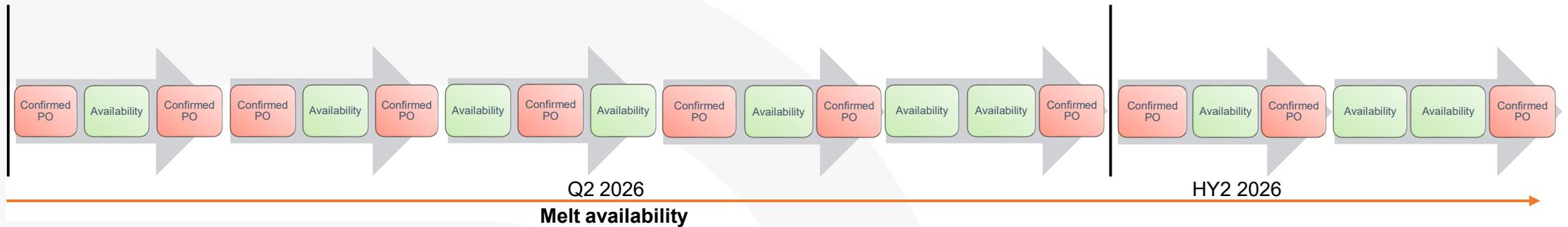
## – Capacity, Capability, and Confidence

- With **eight furnace options** and a strong commitment to quality, technical expertise, flexibility, and strategic location, our melting capabilities and capacity ensure your order is delivered on time and in full
  - Remove the concerns of revert availability by utilising our multiple capacity furnace capacity configurations – select the melt size that best aligns with your requirements:
  - 500kg (1,100lbs), 2500kg (5500lbs), 2800kg (6,200lbs), 4000kg (8,800lbs), 6000kg (13,200lbs), 7200kg (15,800lbs)



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# Additional melting capacity introduced



- Customers can utilise the additional melt capacity from our latest 4t furnace, increasing the melt volume range from 500kg (1,110lb) to 7200kg (15,800lbs)
- Some key element prices are rising; trade tariffs are already impacting element cost increases and alloy costs. Secure your future alloy requirements
- Our lead-times for melting to despatch is approx. 4-6\* weeks, including “spot orders”
- We continue to remain as proactive as possible, with regards to ensuring your alloy demands are met with increased production hours, however, commitment POs for melting must be provided to “lock-in” melting slots
- Revert containing melts must have the required revert delivered to R&C on time<sup>^</sup> to make “furnace ready” to meet the melt date advised. Alternate ratios will be required if revert is not available 2 weeks prior to the confirmed melt date
- Melt slots will be allocated based on first received receipt of PO confirmation

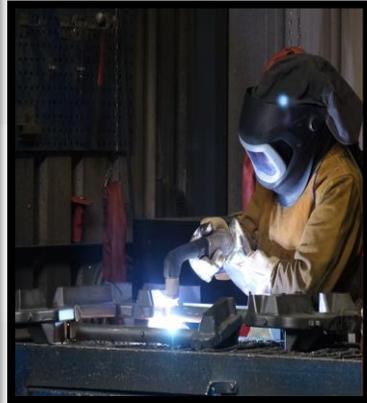


\*based on revert being available and furnace ready  
<sup>^</sup> As per revert specification document

# Geopolitical issues continue to disrupt elements

- Recent announcements on trade tariffs from the US President have again impacted the elemental markets
- Major elements impacted include:
  - Nickel
  - Cobalt
- China remains central to sourcing, processing, and exporting of key minor elements such as:
  - Hafnium
  - Tungsten
  - Tantalum
- We maintain a secure supply of elemental materials, and while our pricing reflects current market conditions, we are not experiencing the same cost pressures as some competitors - thanks to stable supply chains
- If your alloy volumes are increasing, or if your current supplier is unable to meet your needs, we can help.

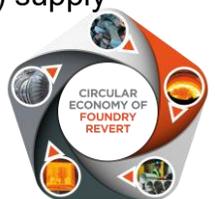
# Reduce impacts from element increases – utilise your revert!



\* OEM specification approval dependent

## – Stabilise Your Supply Chain with Sustainable Revert Solutions

- Global trade tariffs and geopolitical risks continue to create volatility in superalloy element pricing and availability
- Our solution: use up to 70% revert in your melt\* to reduce dependency on volatile raw material markets
- Revert is a high-value resource, containing critical elements such as Hf, Ta, W, Ni, and Co — retaining the exact chemistry required for superalloy cast bar production
- Our in-house revert processing enables a secure closed-loop system, using customer revert to meet precise specifications and final compositions
- This approach strengthens sustainability, reduces reliance on constrained elements, and mitigates risks such as tightening Hafnium (Hf) supply and rising global prices



# Superalloy manufacturing excellence

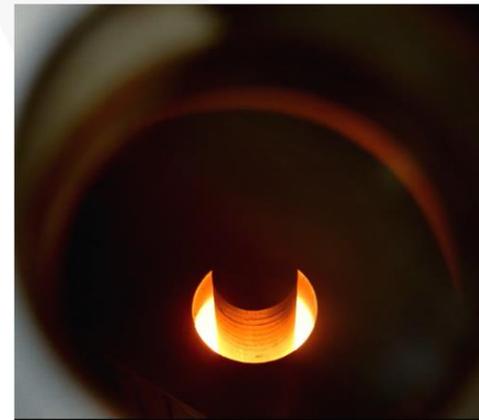


With more than five decades of experience and ongoing innovation in vacuum-melted superalloy production, Ross & Catherall maintain a distinguished position in the investment casting industry, delivering high-quality superalloy cast bar stick tailored to your specifications.

- Vacuum melting from 1968 ✓
- World's largest selection of VIM furnace capacity options utilising the latest melting technology ✓
- Markets served: Aerospace, IGT, Additive Manufacturing, Space Exploration, and biomedical sectors ✓

# What Ross & Catherall Deliver to Your Process

- We are a technological, quality and service orientated supplier with the most flexible melting capabilities of any superalloy manufacturer worldwide
- Largest volume capacity options worldwide of any superalloy cast bar stick manufacturer - choice of 8 VIM furnaces ✓
- In-house revert processing & preparation facility ✓
- Located “centrally” to all major Aerospace & IGT producers ✓
- Alloy cleanliness ✓
- Delivering Low N <5ppm ✓
- Delivering Low S & Super Low S < 3ppm and < 1ppm ✓
- Fully accredited laboratory with ISO17025:2017 & Nadcap approvals ✓



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# Ross & Catherall Limited

## Superalloy Manufacturing Excellence

- Vacuum melting since 1968
- World's largest selection of VIM furnace capacity options utilising the latest melting technology
- Aerospace, IGT, Additive Manufacturing, Space Exploration and biomedical sectors
- Supplying to the Investment casting and Additive Manufacturing industries
- Over 50-year history of product and process development
- Our expertise adds value to chemical elements to meet customers exacting "chemistries"



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**SERVING THE GLOBAL INVESTMENT CASTING COMMUNITY FOR OVER 50 YEARS**

# Crafted by Specialists. Delivered with Precision.

- Mastermelt principle melters - continuity of workforce with over 150 years\* experience and knowledge
- Senior Management Team - average tenure 10 years at Ross & Catherall, several with over 30 years industry experience
- Technical and Laboratory specialists, many with over 25 years industry experience in superalloy metallurgical development and chemical services



## Our people are our strength!