



ROSS & CATHERALL

A global leader in  
**Vacuum Melted  
Superalloys**

World class superalloys for the most demanding applications, delivering quality and innovation through investment in people and technology.

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# EICF May 2026: What We Heard and What We're Doing Next

## Turning Conversations into Action

Turning **Metals** into **Motion**



# What We Heard From Customers

- Rising casting demand (aerospace & IGT through 2027)
- Supply chain resilience needed to support growth
- Investment in new furnaces, plant, and infrastructure Skills development through training and hiring
  - Expansion to meet end-customer growth
- Revert critical for cost control and alloy supply
  - Revised ratios to maintain volume and OTIF supply
- Suppliers' who can provide flexible, multi-furnace melting capacity
- Growing demand for high-temperature Hf alloys
- Reliable supply of critical elements for long-term commitments



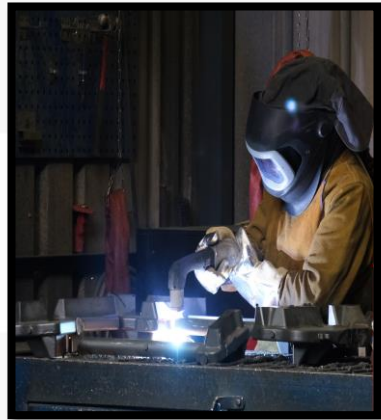
# What Ross & Catherall Can Deliver

- Flexible, technology-led melting capabilities (industry-leading)
- Largest global capacity – 8 VIM furnaces
- In-house revert processing and preparation
- Proven, scalable Hf-alloy production expertise
- Continued investment in plant and people
- Low nitrogen (N <5 ppm)
- Low and ultra-low sulphur (S <3 ppm / <1 ppm)
- Fully accredited lab (ISO 17025:2017 & Nadcap)



If your alloy volumes are growing or your supplier can't meet demand, we can help

# Unlock Revert to Reduce Virgin Element Costs



- Optimising Cost, Delivery, and Revert Efficiency
  - Use up to 70% revert to reduce exposure to volatile raw material markets
  - Revert is a high-value source of critical elements (Hf, Ta, W, Ni, Co)
  - In-house processing enables a secure, closed-loop revert system
  - Maintains precise specifications and final compositions
  - Improves sustainability and reduces reliance on constrained elements
  - Mitigates risks from tightening Hf supply and rising prices

# Meeting Global Demand in High-Temperature Applications

## — Over 35% of Our Manufacturing Capacity Strategically Aligned to Hf-Based Alloys

### — Proven Expertise and Scalable Production Capacity in Hf-Based Alloys to Power Market Expansion

- Hafnium based alloys include: MarM247, LC, LS, MarM002, R108, R80, R125, IN792+Hf, DS200+Hf, B1900+Hf
- Flexibility delivered through eight Vacuum Induction Melting (VIM) furnaces, giving customers more capacity and scheduling options for all Hf based alloys
- Advanced furnace technology engineered for high-integrity master alloy production, delivering specialised nickel and cobalt-based superalloy cast bar stick

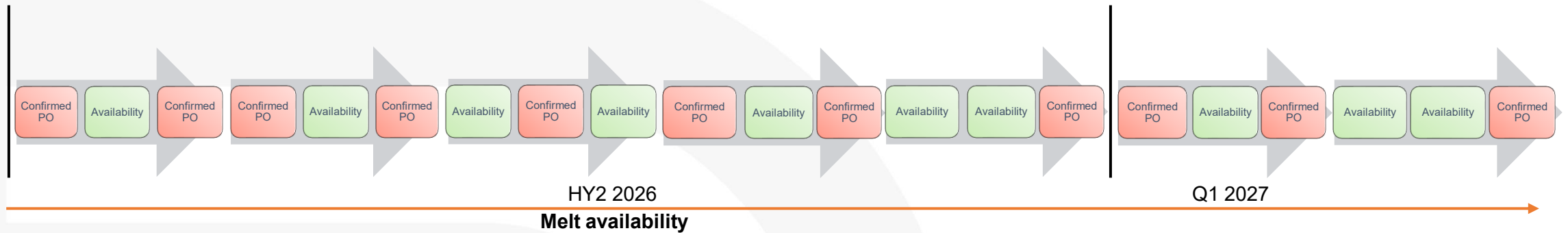
## — Capacity, Capability, and Confidence

- 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), 3500kg (7,700lbs), 4000kg (8,800lbs), 6000kg (13,200lbs), 7200kg (15,800lbs)



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# Additional Melting Capacity Added in HY2



- Expanded melt range: 500kg to 7,200kg options (including new 4t furnace)
- Lead time: ~4–6 weeks\* (melt to despatch)
- Increased production capacity, but POs required to secure melt slots
- Revert must be delivered on time “furnace ready” to meet melt schedule<sup>^</sup>
- Alternate ratios required if revert unavailable 2 weeks prior

# Superalloy Manufacturing Excellence

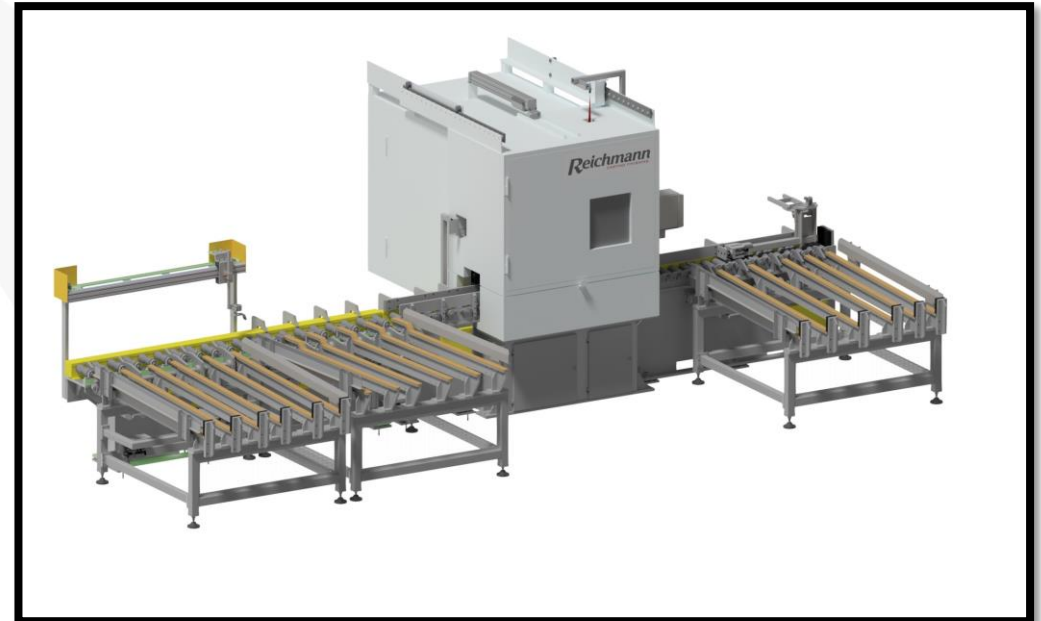


With more than five decades of experience and ongoing innovation in vacuum-melted superalloy production, Ross & Catherall maintain a distinguished position in the investment casting industry, delivering high-quality superalloy cast bar stick tailored to your specifications.

- Over 35% of Our Manufacturing Capacity Strategically Aligned to Hf-Based Alloys ✓
- 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 ✓

# Continued Investment for 2026

- State-of-the-art cutting & grinding technology
- A further \$7M investment in the latest cutting and grinding processing line
- This investment strengthens and enhances our cast bar stick processing and finishing lines
- Expected commissioning Q4 2026



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# Cut-to-weight service provides...

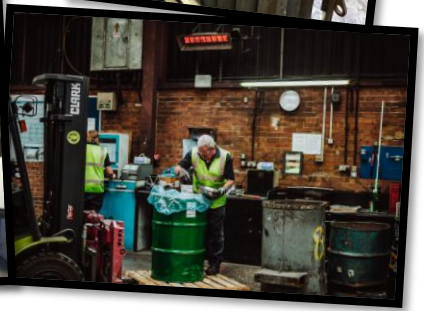
- Improved efficiency compared to in-house cutting
- Accurate and known weights for each mould
- Off the shelf selection for each casting mould
  - Improve yields and efficiency
  - Reduce waste and unrecoverable alloy from cutting
- Utilise labour in other production areas
  - Improvement in labour efficiency and costs



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# Crafted by Specialists. Delivered with Precision.

- Mastermelt principle melters - continuity of workforce with over 156 years\* experience and knowledge
- Senior Management Team - average tenure 12 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!